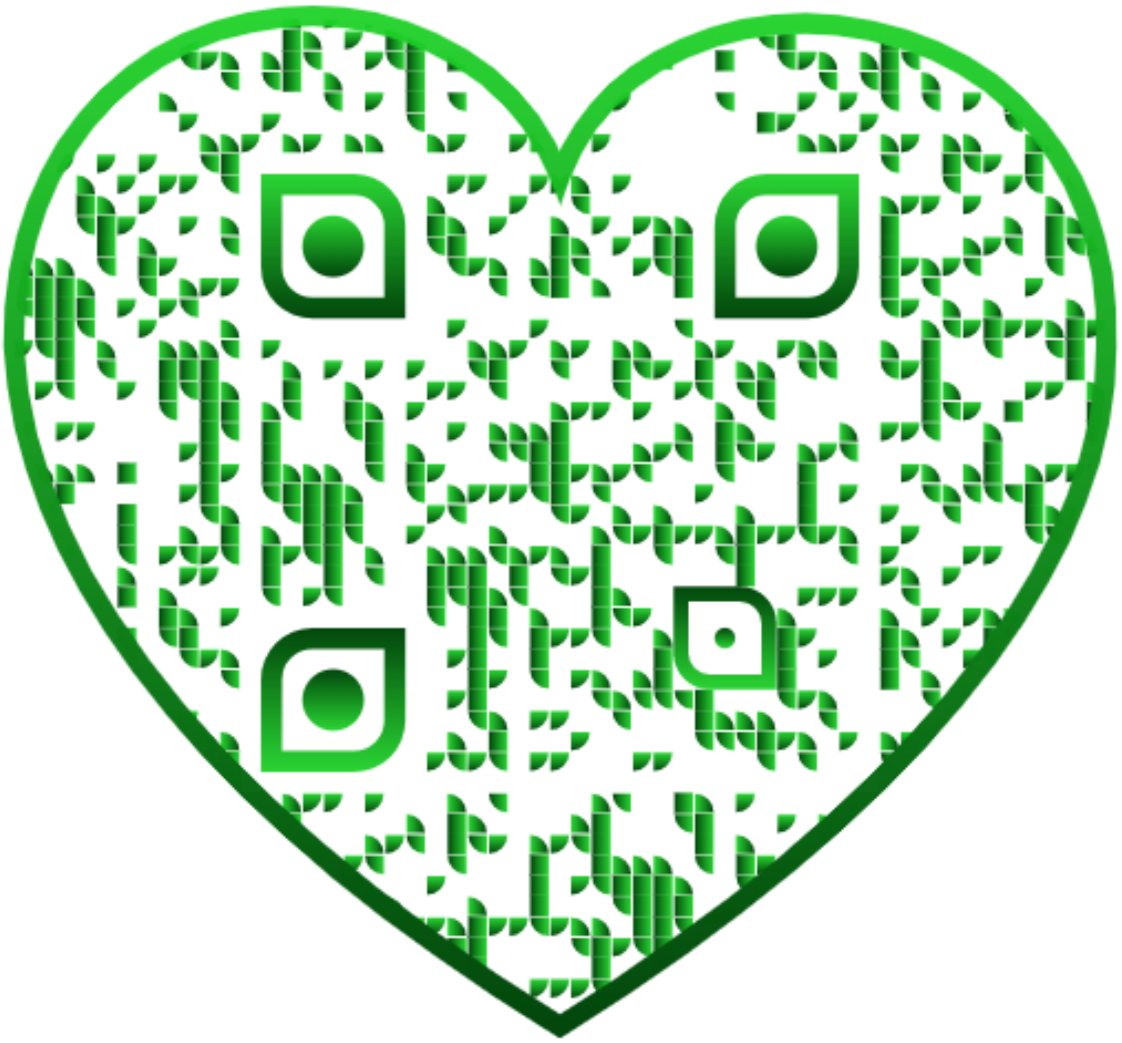
THE PLANETARY MATRIX

Roy Snelling



The Planetary Matrix

The Primary Ley-Line Network Of The Earth

Roy Snelling

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THE PLANETARY ‘PSYCHIC’ GRID

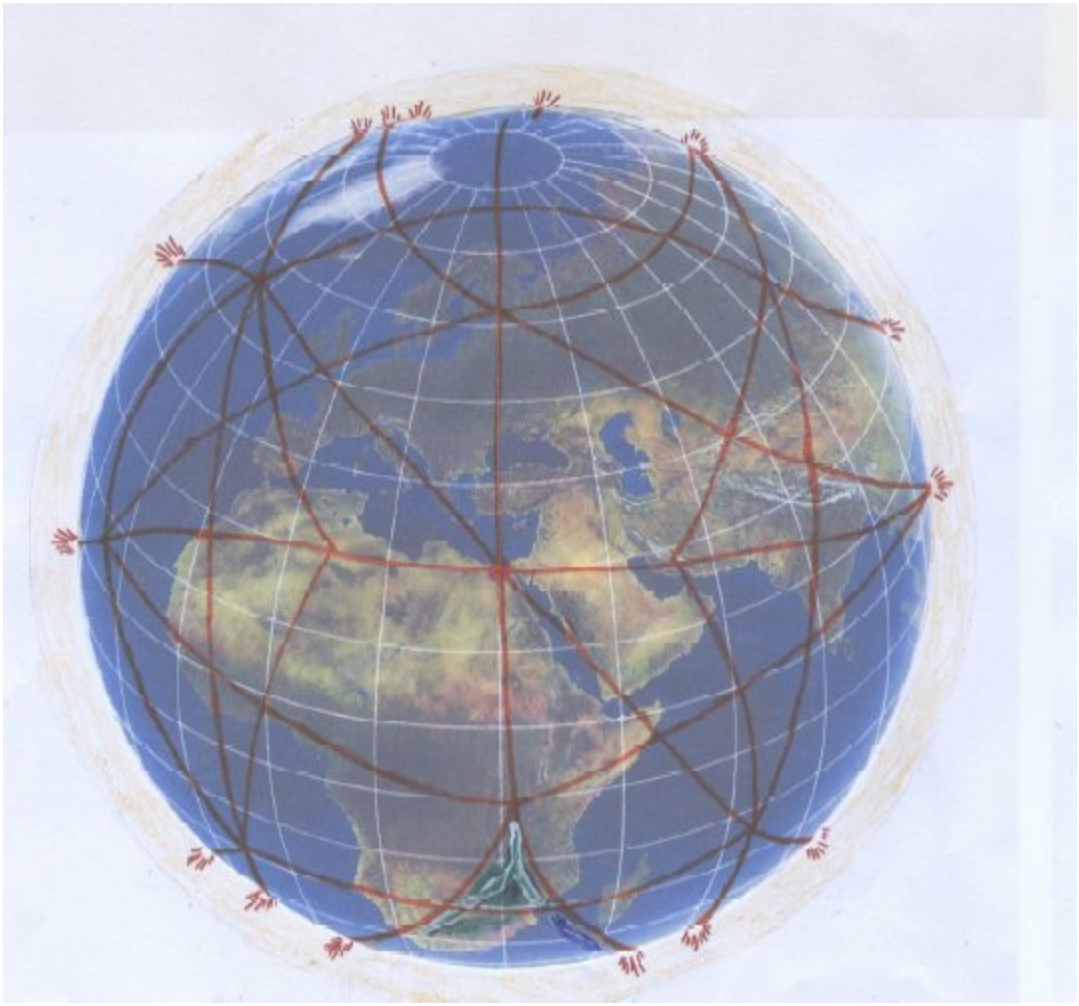

FIGURE 1(a)

CONTENTS

Title Page
The Planetary ‘Psychic’ Grid
Dedication
Forward by Jacques Rangasamy
1 Introduction
2 The Planetary Matrix
3 Dimensions of the Earth
4 Golden Ratio and the Fibonacci Series
5 Platonic Solids – The Elements
6 Hexahedron (cube) = Earth (f)
7 Icosahedron = Water (f)
8 Octahedron = Air (m)
9 Tetrahedron = Fire (m)
10 Dodecahedron = Quintessence / Ether
11 The Atlantis Shift
12 Secondary and Tertiary Lines in Europe.
13 Conclusions

List of Illustrations
List of Plans
List of Tables
Other Books by Roy Snelling

APPENDICES

1 Bibliography and references
2 Sines, cosines and tangents
3 Typical VERSAMAP Plot
4 Example of a straight line plot on Gnomic Projection

5 Apex co-ordinates for 5 Platonic Solids
6 Fibonacci Series
7 Ancient forms of measure.
8 Precession and the Zodiac.
9 Seraphim, Elements and Platonic Solids

LIST OF ILLUSTRATIONS

Figure 1.a Planetary Psychic Grid (Snelling theory)

Figure 1.b Planetary Psychic Grid (Russian theory)

Figure 2 Giza Plateau with Pyramid and Sphinx

Figure 3 Icosahedron orientation

Figure 4 (a) Pentagon encapsulating Eurasia

Figure 4 (b) Pentagon dividing Eurasia

Figure 5 Golden rectangle

Figure 6 Golden rectangle – from a square

Figure 7 Golden Ratio and Human body

Figure 8 Golden Ratio and Great Pyramid

Figure 9 Golden Ratio and Pentagon

Figure 10 Golden Ratio and Pentagram

Figure 11 Pentagon/gram – internal angles

Figure 12 Golden Spiral from Golden Rectangle

Figure 13 Golden Spiral from Golden Triangle

Figure 14 Golden Spiral from Golden Pentagon

Figure 15 Hexahedron [Cube]

Figure 16 Icosahedron

Figure 17 Octahedron

Figure 18 Tetrahedron

Figure 19 Dodecahedron

Figure 20 Hexahedron [Cube]

Figure 21 Tetrahedron within cube

Figure 22 (a-e) Calculations on cube

Figure 23 Icosahedron

Figure 24 (a-h) Icosahedron, calculations for

Figure 25 Octahedron

Figure 26 (a-d) Octahedron, calculations for

Figure 27 Tetrahedron

Figure 28 (a-d) Tetrahedron, calculations for

Figure 29 Dodecahedron

Figure 30 Dodecahedron, pentagonal face

Figure 31 (a-e) Dodecahedron, calculations for

Figure 32 (a-c) Hexagram into Merkaba

Figure 33 (a-c) Calculating apex of second tetrahedron

Figure 34 (a-b) Projecting flat surface of tetrahedron onto curved surface of the Earth

Figure 35 Primary Grid Lines through Giza

Figure 36 Chartres Cathedral, West Front

Figure 37 Chartres Labyrinth

Figure 38 (a+b) Tintagel Labyrinth

Figure 39 Chartres Vesica Piscis

Figure 40 Hierarchy of Distributors

Figure 41 Hereford hexa/penta-gram

Figure 42 Hereford hexa/penta –gram (detail)

Figure 43 St. Mary Magdalen Church, Taunton

Figure 44 Three Choirs Triangle & Perpetual Choirs

Figure 45 Standard and off-set Vesica Piscis

Figure 46 Avebury Vesica Piscis

Figure 47 Avebury Vesica – orientation

Figure 48 Stars in constellations – apparent positions
Figure 49 Overlap of Zodiac Ages

PLANS AND TABLES

LIST OF PLANS

Plan 1 Eurasia – Atlantis Shift

Plan 2 Eurasia – Atlantis Shift

Plan 3 Europe and North-West Asia - Pentagonal Face

Plan 4 Europe with Chartres

Plan 5 Chartres Round Table

Plan 6 Europe – Grail and Heart Lines

Plan 7 England and Wales – secondary lines and Earth Temples

TABLES

Table 1 Apexes of the Compound Matrix within the Earth

Table 2 Cube and Tetrahedron apexes

Table 3 Apexes of the 12 pentagonal faces of the Dodecahedron

Table 4 Co-ordinates of the Dodecahedron

Table 5 Dodecahedron Line Lengths

Table 6 Zodiac Ages

FOREWARD

By Dr. Jacques René Rangasamy MBE, Ph.D., FRSA

Architecture provides cities with a voice for expressing their entrepreneurial energies and developmental verve. Thus I came to stand in awesome contemplation of a recent glass building in a northern English city known for the temperamental strength of its blessed citizens, musing on the challenges to design inventiveness that such breath-taking gigantism must have posed, when my sight landed on an empty snail shell on the adjoining pavement. A delicious irony oozes from the critical juxtapositions of such divergent elements of everyday existence; it was as if the design briefs of the architectural and natural shells were measuring up to each other. Comparison became mischievously irresistible.

The items of both urbane and organic architectures are committed to the organisation of life and of existence, but they are informed by different and perhaps contrasting values. Whereas the snail shell sustains the organism's sense of belonging to its ecological environment, buildings delineate protectively the human frame from nature's predatory forces. Respite from the cyclical engagement with natural forces, scholars of civilisations inform us, was then devoted to the contest for territorial entitlements and attendant quantitative values between socio-political and economic hierarchies. The glass building I beheld had resulted from a utilitarian mapping out of spatial requirement for modem business life and its design responded almost exclusively to values of quantity; its interiors, furnished frugally for a measured impersonality, conceded little to aesthetic frills. The design of the snail shell, on the other hand, seemed devoted to the most judicious conjugation of qualitative and quantitative values, a salutary lesson for our time and one that reflected the ways of more traditional architecture. The glass habitat is tailored for a self-serving individuality, and that of the snail shell for an environmental-serving individuality.

The geometry of the snail shell is its tenant's survival insurance, it adjusts its inner vulnerability to environmental rigours. This corroboration between the

dynamics of inner and outer realms of life mirrors the human propensity for symbolic thinking, a gift of consciousness that distinguishes us from all other living forms and privileges our evolution. It was probably during this formative phase of consciousness, before the availability of spoken languages, that numbers and regular forms such as spheres and cubes lent structure to symbolic thoughts, and articulated our primordial and profound intuition of the Universe, and encoded our understanding of the energies and forces that regulate the environment. Numbers and geometric forms were certainly endowed with symbolic identities around which accrued spiritual knowledge, practice and values, which in turn gave human culture its most significant building blocks. Geometric forms and number systems were, for the symbolising consciousness, the "seeds of space" that grew into the many dimensions of our universe. They were indices of forces that corroborate organic growth with the containing and regulating environment. Studying the attunement between the inner and outer realms of energy yielded the keys to processes and covenants of harmony that underline the conventions of music and of architecture.

Geometric forms such as the platonic solids, perhaps because of their advent before the expressive possibilities of language, are closely connected with the cognitive and intuitive consciousness itself. Both Lao-Tzu and Pythagoras considered them as instruments in the development of consciousness and its attunement with the consciousness of the Universe. Fathoming their mysteries, as many workers in the arts of space will tell you, is also a way of fathoming the mysteries of the human consciousness. There is a wealth of knowledge, submerged under our preoccupations with pragmatism and material reality, that could help in our endeavour to reconnect with our environment and its ailing ecology more meaningfully. This is perhaps why these geometries consume much exploratory energies, for the dividends they contain potentially in the forms of philosophical lessons, self-understanding and our poise in the scheme of things make it worthwhile.

For this reason, theses like those of Roy Snelling are full of importance and of promise.

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1. INTRODUCTION

Up from Earth‘s Centre through the Seventh Gate
I rose, and on the Throne of Saturn Sate,
And many Knots unravel’d by the Road;
But not the Master Knot of Human Fate.
(From the ‘Rubaiyat’ by Omar Khayyam)

The *Planetary Matrix* is a book about ley-lines and sacred sites on the Earth, and it will show the reader how they form a comprehensive matrix, within, and over the surface of, the whole Planet. It will show how the five elements, the five Platonic solids, are the motivating powers behind the dynamics of the Earth‘s energy system. But before we can attempt what is essentially a spiritual exploration we have to ask ourselves ‘what do we know of the workings of the Cosmos? How can we define our role in Life if we do not know what Life itself is? Do we really know who we are?’

It is suggested that in the Western World our paradigm of what life is, is moulded subtly but firmly by the culture within which we have been raised and educated, and with which we have identified, possibly partially unconsciously. It is a culture that has its own very definite set of values, most of which are in the background of our consciousness. But it nevertheless motivates our existential responses to Life, even if we are not aware of such and think of ourselves as independent free-thinkers.

We have now passed through the year 2012, the year when the Mayan prophecies predicted the end of the World as we know it. More precisely, this turning point in the Planet’s evolutionary path, which actually ties in with the ages and phases of the Zodiac cycles of Pisces and Aquarius, will bring subtle but definite changes within the Earth‘s energy systems which will irrevocably effect every living thing upon the Planet. Nothing will be the same again. Will we be ready?

We need to have done work of preparation for the New Age such that we will be ready for the ‘New Heaven and New Earth’. It is essential that we actually understand what in fact we are. Which part of our complex psyche is the real

us, which part has been fabricated out of the brain consciousness, linking it to the survival instincts of the limbic brain to propel our organism forward in a continuous life of anxiety and fear?

We need to discover how we relate to the collective psyche of our family, our Nation, Race, or Humanity itself. We need to understand what type of thoughts we project into the collective psyche, possibly without realising what we are doing. Thoughts and feelings of love, peace and contentment, based upon an acceptance of the ‘Now‘. Or unguarded thoughts and feelings of fear and anxiety, based upon regrets for a past that we cannot undo, and a future that we cannot control. Negative thoughts that collectively go to strengthen the Human Shadow, the ‘Satan’ of the bible. A heavy shadow which two thousand years ago the incarnating Christos substantially lightened so that the Human species would not become extinct. In reading this book the reader will come to realise that their thoughts and feelings can directly affect the very energy system of the Planet, the Planetary Matrix.

The Earth, Mother Gaia, who is our beautiful home for the duration of our incarnation, is also sensitive to Humanity’s energies from It’s collective thoughts and feelings, either good or bad, energies that feed into the Earth’s own energy matrix. Drought, floods, earthquakes, volcanic eruptions and surinamis; all these could be said to be cyclical in nature, part of the Earth’s own evolutionary path. The Earth’s changes are partly the response to changing cycles within the sun and moon and to some extent the planets in our Solar System. She is also susceptible to changes in the strength and quality of background Cosmic Energy, for which some of the constellations in the sky are convenient time-markers. But are the more extreme, in intensity and frequency, climatic and geological changes explained by factors beyond the normal cycles of change and growth? Most climatologists around the World are now agreed that the current level of carbon emissions and global warming are due to Human interference with the balance of nature. This is direct physical interference. There are however some Mystics who now believe that the projection of individual negative Human thoughts and feelings is not only affecting the Collective Human Shadow, but also the consciousness of the Planet itself.

We need to understand how this is. What do we know of the Planet? We need

to understand more of the Planet's own intelligence and consciousness, and how it responds to the dysfunctionality of Homo-Sapiens. What are the energy systems within the Planet that give rise to the primary serpent or dragon lines that criss-cross the surface of the Earth?

In the next chapter we will proceed to examine the spiritual energy system of the Earth and how such gives rise to 'Ley-Lines' and their position over the Earth's surface. But before we do this a few words need to be said about the nature of some of the material in this book. Where we are dealing with the Earth's dimensions, trigonometry, regular solids, mathematics and computer programs we are safely within the realm of scientific rationalism, the realm of 'proven' facts. Yet much of the material in this book, seen from the viewpoint of science, is highly speculative and unproven. Some of the material could lay claim to being based upon the foundation of ancient wisdom and philosophy that has stood the test of time. After all, much of the philosophy taught in our Universities is speculative, and beyond the verification of our five physical senses, as it deals with the nature of the unseen Universe that is presumed, by some philosophers, to have an inherent intelligence, that is, a Universe that is not random. It also deals with the nature of the human mind, consciousness and thinking, and even in the realm of modern psychology many theories about the workings of the human psyche are unprovable in terms of scientific rationalism and the physical senses. Rudolf Steiner, in his work *Theosophy*, states:

'.....Whoever is concerned only with the senses will look on this description (describing some of the features of the supernatural world – author) as a phantasy without substance. But he who is searching for the road that leads out of the natural world will at once realise that human life acquires value and meaning only through *insight into another world*.....'

And also: '.....I will never say anything about spiritual matters that I do not know from direct spiritual *experience*. This is my guiding star. This has enabled me to see through every illusion.....' (italics are this author's).

Steiner placed great emphasis on personal experience to gain knowledge of the 'wider' world within which we live. But what is experience? In a purely physical sense it is based upon a logical process of fact, analysis and conclusion. The brain consciousness assembles and orders the impressions

gained from the five physical senses, senses possibly extended through the use of scientific instruments. These sense impressions are then related, weighed and analysed. Conclusions are then drawn from such analysis which are absorbed into, what becomes, a-priori knowledge for our memory bank to be used in the future interpretation of sensory experiences. But what are those 'supersensory' experiences that are gained through clairvoyance, telepathy etc., sensations that come into our mind through other than the five physical senses? Can we really say, in the sense of open scientific inquiry, that a wider, deeper, more profound Universe does not exist if it cannot be sensed and analysed through the five physical senses and the brain consciousness? Our five material senses operate within very limited wavelengths of the electro-magnetic spectrum. What would life seem like if sensed through the numerous wavelengths outside of the human physical sensory spectrum? At the higher rates of vibration of the electro-magnetic spectrum we pass into X-rays, gamma-rays and Cosmic rays, just about detectable by scientific instruments, but not our five senses. Are there energies of shorter wavelength and much higher frequency than any of these? For example, does the human spiritual aura vibrate at such high frequency that it cannot be detected by scientific instruments? Yet in some people their organism might be so finely tuned that it can receive and identify energy patterns that are beyond the scope of scientific instruments and normal sensory organs.

R.A.Heaward, in reviewing a monograph by Dr. Adam Stout[20] for the RILKO Journal, makes the interesting observation:

'.....No work is produced in a socio-historical vacuum: all interpretations are ultimately local, and there is no appeal to a final, eternal, universal truth.....The old distinction between mainstream and Fringe, as once understood, is no longer helpful without suitable amendment. The adversarial approach strongly favoured by the Mainstream (Science; Academia – Author) insists on verdicts of right or wrong, truth or falsehood, and it fights to win. However, when something has to be proved '*beyond all reasonable doubt*' how can we agree on what is '*reasonable*'? Is this where the balance of probability comes?

The reader is asked therefore, when studying the content of this book, to suspend over-critical judgement that might be conditioned by the normal rules of scientific rationalism and allow their mind to consider other possible

mechanisms in the working of our Universe, other laws of the Cosmos, and Nature, that science has as yet not discovered. Could it be that the laws of physics and nature currently known to Man, are only part of a broader spectrum of Cosmic laws, some of which relate to other dimensions, parallel universes, anti-matter, and also an universal energy field where science claims that there is only space? The later point was of cause postulated by Albert Einstein in his *General Theory of Relativity*. Study this book with an open mind, against the experiences of your own life. Allow a slow process of spiritual osmosis to take place between your waking consciousness and your unconscious mind. And then, after a reasonable passage of time, listen to your intuitional response from your unconscious guardian.

2. THE PLANETARY MATRIX

The Planetary Matrix or Planetary Grid is a psychic pattern embedded within the Etheric Body of the earth. For readers who are perhaps unfamiliar with terms such as ‘etheric’, ‘astral’, or ‘spiritual-bodies’ it should first be explained that there is no such thing as a ‘material’ Universe existing in isolation of anything else. At the beginning of this present cycle of creation the Cosmos projected from its own substance various levels of creation, each one descending in order of vibration-rate and coarseness of matter so that each level interpenetrated the levels above and below without substantially affecting the higher or lower levels. It is not intended here to examine the laws of Creation as these are dealt with elsewhere in numerous books on subjects such as the Kabalah, Theosophy, Rosicrucianism, Alchemy etc.. Suffice it to say that there is no level of Creation that is not ‘Spiritual’. Our Earthly physical matter is permeated by ‘Spirit’. Even the sub-atomic particles that make up matter can easily transmute into the background Universal Energy-Field. Indeed, they are themselves nothing more than localised concentrations of that same Energy-Field. There is no such thing as ‘solid’ matter nor ‘empty’ space. These were misleading constructs of 19th. and 20th. Century Western Science based upon the erroneous precepts of so called ‘Scientific-rationalism’.

Some of you may be familiar with the concept that we all have a Soul, or Spiritual Body, something that survives so-called death, or can even project out of the physical body during times of trauma, such as a car accident, war injury or an operation. We do in fact have several spiritual bodies, each one of a finer nature than the one below. Each level of spiritual body has its own specific function. Starting from the lowest in vibration rate, we have (a) the etheric, (b) astral or emotional, (c) mental, (d) Soul, Atmic or Buddhic. The ‘etheric’ body is really the magnetic field of the physical body although it contains the template of what the idealised physical body should look like.

Something which doctrinal religion finds difficult to accept is the fact that all bodies in the Universe have Spiritual-Bodies and consciousness; galaxies, stars and planets. The consciousness of a star, which includes our own Sun, is

far superior to that of Man. Although not in itself the Absolute Cosmos, the unknowable Godhead, stars are nevertheless, when compared to the current state of evolution of the consciousness of Mankind, in a relative sense, Gods in their own right. They are responsible for the evolution of their own planetary systems and all Life-Forms on them. Our Sun was rightly worshipped by the ancients as a manifestation of God that could be reached with devotion and prayer. A God known by different names in different cultures: Ptah, Aten, Amen-Ra, Inti, Helios, Lug and many others. Jesus gave us what is known as 'The Lord's Prayer', although in its original Aramaic language it reads a bit differently than the modern version we are used to today. The prayer starts; 'Our Father……'. The Christos incarnating in the Man Jesus was itself a manifestation of the Cosmos and would have known that the Godhead was above gender, containing the potential for both genders within It. Was the 'Lord's Prayer' referring therefore to our Sun-Father. The Christ Itself is sometimes referred to as the 'Solar-Christos'.

The Universal male and female energies of the Cosmos are represented on different levels of Creation. In our Planetary System some of the planets, including our Earth, have a female consciousness. Our Mother earth, known as Gaia to the ancient Greeks, is a living being with physical, etheric and spiritual bodies. She has a consciousness and as our own 'Goddess', our Spiritual Mother with whom we must work during our time of incarnations on the Planet, She works closely with the Solar-Lord in overseeing that Mankind's evolution meshes in with the evolution of all Life-Forms on the Planet, including that of Her own being.

In the act of Creation the Cosmos projected from its substance three forms of energy: LIFE; LOVE; LIGHT (the Three Supernals of the Kabbalah 'tree of Life').

1 The Will to Life;
2 The Love of the Divine Mother, the Sophia-Pistis;
3 The Light of Divine Knowledge, the Universal Father-Son.

The Cosmos, in order to bring structure and form to the interaction of the first 'Three', brought into being four Powers or Thrones. In the Book of Ezekiel in the Bible there are references to the four SERAPHIM surrounding the Throne of God.

In 'Ezekiel 1:10' they are described as having faces, one HUMAN, one a

LION, one an OX and the last an EAGLE. These have traditionally, since ancient times, been related to the four elements:
HUMAN = Earth; LION = Fire; OX = Water; EAGLE = Air.
But there is a fifth element that overshadows the four, known as the Quintessence or ETHER. But the Ether is really the working of the three Supernals on the four lower forms. Sometimes the four Seraphim are known as the Lords of Flame. They are related to the Four Archangels:
Earth = URIEL; Water = GABRIEL; Fire = MICHAEL; Air = RAPHAEL.
Whatever nomenclature that we wish to use for the Divine controlling Powers of the elements we can refer to them as the Four Seraphim or Lords of the Elements. It is said that within the four elemental 'Orders' there are hosts of elemental beings, fairy-like beings who, under the directions of the Elemental-Lords, are responsible for the mixing of the elements in differing proportions to bring matter into manifestation, or repairing or renewing matter, or destroying (re-cycling) matter.

On the level of our material plane the four elements, with the fifth element, are known to manifest as psychic energy crystals within the Etheric Body of the Earth. These energy- crystals are known as PLATONIC SOLIDS. The existence of Platonic Solids (although not by such name) was known in Atlantis, whose knowledge before its destruction was passed on to the Egyptians. Much of the esoteric knowledge of the Egyptians, including that of the elements and Platonic Solids, was passed by the Egyptian Priests to the Initiate solon, thence to the Greek philosopher Socrates, philosopher Socrates, who was Plato's tutor. The five Platonic Solids, with their related elements, are:
HEXAHEDRON (cube) = EARTH
ICOSAHEDRON = WATER
OCTAHEDRON = AIR
TETRAHEDRON = FIRE
DODECAHEDRON = ETHER
Plato gives a detailed description of the solids and elements in his book 'Timaeus' section 22 and 23. The remarkable thing about all five solids is that aspects of their construction are dependent upon the GOLDEN RECTANGLE, which has a ratio between its sides of
1 : 1.614. This will be dealt with in detail in chapter 4.

What is important to us in respect of the Planetary Matrix is that all five solids will fit perfectly into each other, and into a sphere. As with all matter, the Earth is made up of various combinations of the four elements or solids. It has to be understood here that we are not talking about atomic matter in a material sense but the psychic power of organising such matter. But the power-house of the Earth is the existence of huge psychic crystals within its etheric body, the 4 plus 1. Energy in the edge-lines of all five 'solids' within the Earth radiates upwards to form energy lines on the surface of the Planet. This means that the surface of the Planet is connected by a network of 90 edgelines of all Platonic solids. This is the PRIMARY LEYLINE system of the Planet. At points on the Earth where some of these lines meet or cross at the Apexes of the Platonic solids (which are all at the surface of the earth anyway) or cross other lines midway, one is likely to find powerful vortices of energy, something recognised long ago by our Ancient forebears. Many such sites became 'sacred' to the ancients when they realised that the energies radiating from them were beneficial to Man and beast. In Europe pre-Christian stone circles and other 'pagan' temples, and later Christian churches and cathedrals, were built on many of these line-convergences. In fact, in 601 Pope Gregory ordered that churches should be built on pagan sites that were used for worship, thus inadvertantly preserving those sites for posterity. His intention, as a devout Catholic, was to compete with and obliterate what the Church thought of as 'paganism'.

At this juncture I would wish to make two points. Firstly, that the idea of fitting the five Platonic Solids into each other, with all fitting into a sphere, was known to people like Plato, Euclid, Leonardo da Vinci and Fra. Luca Paccioli. We have to this day documentary evidence in the form of text and diagrams from Paccioli showing his explanation and workings of how to place the five 'solids' into each other and into a sphere. There is even a painting by J de Barbari (1440-1516) which shows Paccioli in the act of constructing this composite figure. Secondly, I have to state that I am not the first person to speculate on the possible existence of one or two of the 'solids' within the body of the Planet.

David D Zink in his book *The Ancients Speak (A Journey to the World's Most Mysterious Megalithic Sites)*, chapter 1, page 9, refers to an article

written by Chris Bird in the ‘New Age Journal’ in 1975. Bird refers to a new (as at 1979) Russian theory that a number of seemingly unrelated geophysical, biological and cultural phenomena relate to specific points on the Earth‘s surface which can be connected in a grid system. An examination of this Grid shows that it appears to be related to two Platonic Solids, the dodecahedron and the icosehedron. It is related that the dodecahedron highlights the edges of tectonic plates, and areas of much volcanic and earthquake activity. The Russian theory is that the Earth was once a crystal that has now become rounded-off with evolution, but that the electrical and magnetic properties of the crystalline structure still exist and influence events on the surface of the spherical planet. Figure No. 1b. shows that part of the Russian Dodecahedral Grid on the hemisphere of the Earth that includes Eurasia, Africa and Australasia. The Russian dodecahedron is not located within the Planet in the same position as my own. I have my own reasons for orientating mine the way I have. But I believe that to date (April 2008) I am the first person to go public with a theory that all five Platonic Solids can be found within the sphere of the Planet, not just one or two.

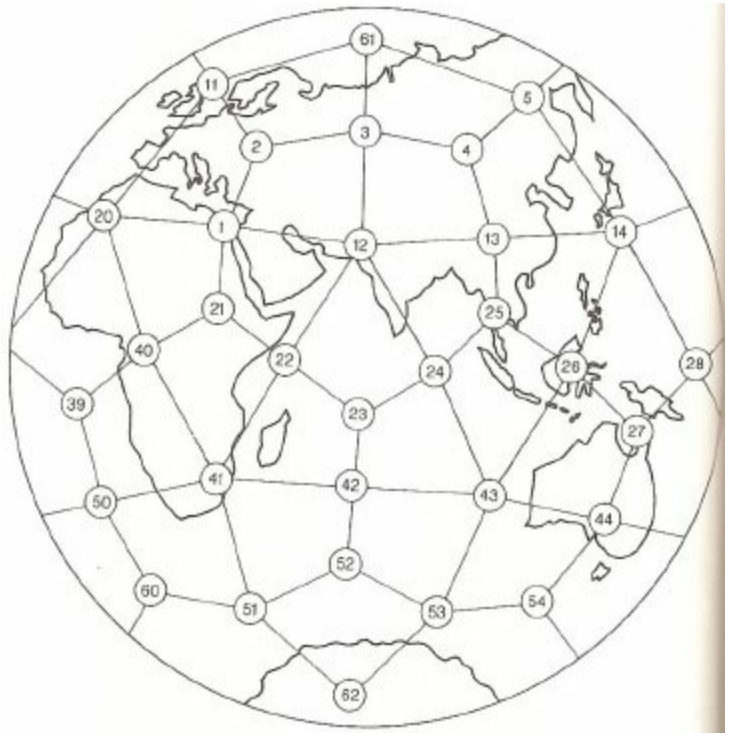


FIGURE 1b.

Perhaps THE most important site on the Earth is the Pyramid of Khufu, the ‘Great’ Pyramid at Giza in Egypt. This has lines of four of the five elements

passing through it, Ether, Fire, Air and Water (but not Earth). It is interesting to note that the SPHINX, the guardian of the Giza Pyramid Plateau, although now badly weathered, once had the hind-quarters of a bull, four-quarters of a lion, wings of an eagle (although these have now been completely worn away) and the head of a Pharaoh. Some Persian and Babylonian carvings still show the parts of all four creatures on their sphinxes. It could be argued that the Pharaoh is a man but it has to be remembered that symbolically Pharaoh represented God incarnated on Earth and therefore represented the Quintessence or Ether. It is the Great Pyramid that anchors the whole ley-line matrix on the surface of the Earth, with certain lines entering into the Pyramid being stabilized by important sites such as Chartres. It has also been calculated by Geographers that Giza is the geographic centre of the Land-Mass of the Planet. Figure 2 is a layout of the relative positions of the three pyramids and Sphinx at Giza.

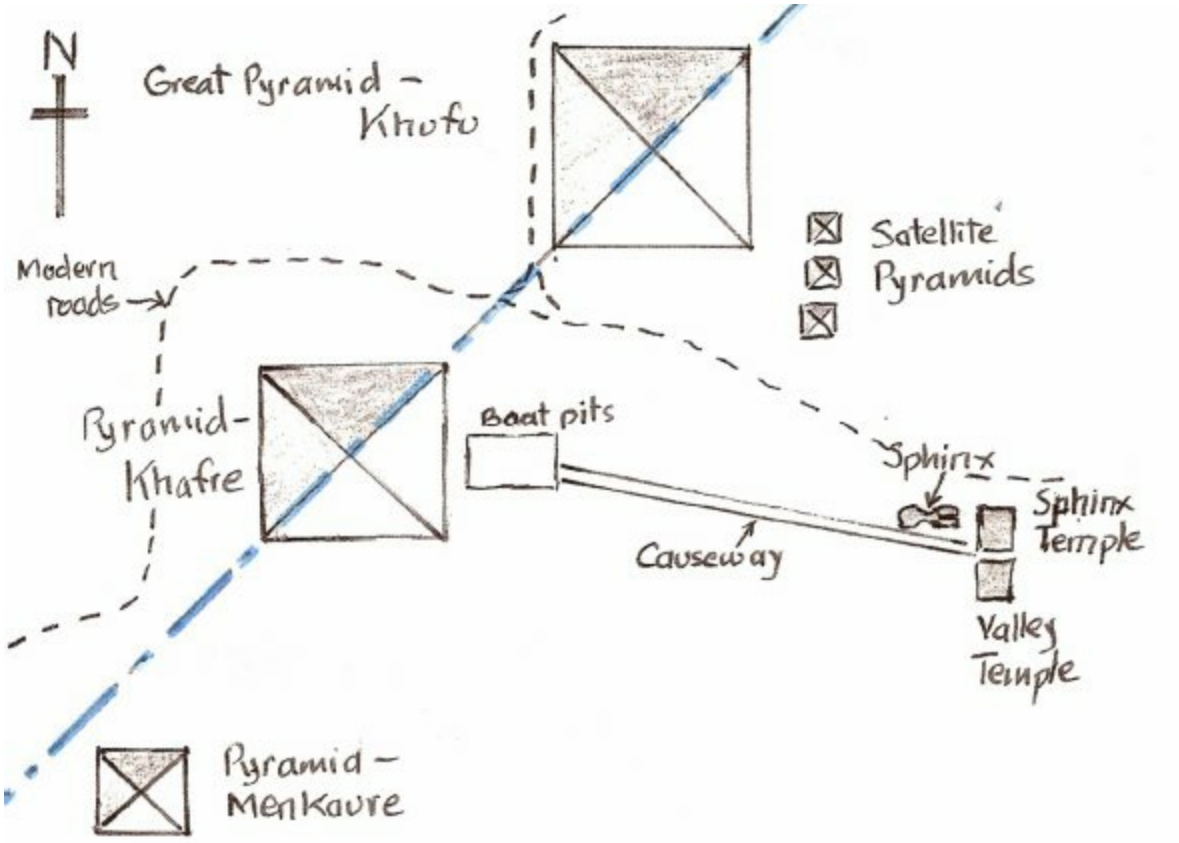


FIGURE 2

But this presents us with a serious problem. Who first recognised, and calculated and plotted the existence of a primary network of telluric force

over the Earth‘s surface? Who built the Great Pyramid with its attendant Sphinx, such that it was to be a visible ‘anchor’ of the primary network? As references to interconnecting ley-line have been found in ancient texts from around the World many geomancers would suggest that the primary network, and subsequent secondary and tertiary networks, were laid out and ‘marked’ at the time that Atlantis was enjoying its golden-age, the age of the Garden of Eden of Adam and Eve. This would be at a time a few thousand years before it declined, leading to the cataclysm that took place about 12,000 years ago. Could the Giza pyramids and the Sphinx have been constructed at that time?

Egyptologists are very definite that the three largest pyramids in Egypt on the Giza Plateau were built by the pharaohs Khufu, Khafra and Menkaure of the fourth-dynasty.[16] The fourth dynasty included six pharaohs who ruled from 2613 to 2494BC. The first dynasty is usually dated as beginning in 3100BC. But at this point it is worth pointing out that even today modern Egyptologists and historians follow the dating system of Manetho, an Egyptian priest of the third Century BC who wrote in Greek. Two other important sources are often refered to for dating but much reliance is nevertheless still placed upon Manetho, whose dating system of the dynasties has never seriously been challenged. In their book *The Atlantis Blueprint* [17] Rand Flem-ath and Colin Wilson make the point that the five centuries from the beginning of the first dynasty up to the building of the sophisticated Great Pyramid of Khufu is nowhere long enough for an emerging civilization to develop its technical expertise to that level. The impetus for transforming an agrarian society into a technologically competent and religiously complex culture must have taken a much longer period of time. The difficuly today is that the Sphinx is very badly eroded and Egyptologists would claim that this is the result from wind-erosion due to sandstorms from the adjoining desert. Geologists have accepted that the cliffs behind the temple of Queen Hatshepsut have been eroded by water and that in the distant past North Africa had a different climate with abundant vegetation. At a conference of the ‘Geological Society of America’ in October 1991 Robert Schoch, a geologist from Boston University, stated to fellow geologists at this conference that the Sphinx might well have been built around 7,000BC, making it 9,000 years old, rather than the 4500 years of age had it been contemporaneous with the usually accepted dating of the Giza pyramids. Schoch, as a geologist, had examined the Sphinx and was convinced that it

had been subject to water weathering in the past. His explanation was that when a rock face has been blasted by wind-blown sand, its soft layers would be worn away while its hard layers would continue to jut out, so the the profile of the rock would look like a layer cake or club sandwich. When rock is eroded by rainfall the soft layers would still be worn away, but the rain would also cut vertical channels in the rock so that it would look like a corrugation of rounded curves. Such water-weathering could be seen on both the Sphinx and the Sphinx enclosure. This presentation aroused intense controversy amongst the Scientific community at the time. Most geologists who became involved in this debate agreed with Schoch's findings whereas Egyptologists denounced Schoch's views as 'pure fantasy'

Egyptologists are fairly convinced that the the face of the Sphinx is that of the pharaoh Khafra. About the time of the above furore Frank Domingo, a senior forensic artist of the New York Police Department, went to Cairo and made an examination of the face of the Sphinx and compared it with the face on the bust of the pharaoh Khafra which had been buried in the Valley Temple which faced the Sphinx . Domingo used the same methods that he would have used if he had tried to reconstruct the damaged face of a corpse from a photograph. He concluded that the face of the Sphinx was definitely not that of 'Khephren' (i.e. Khafra). The chin was more prominent, the mouth was a different shape and the cheeks sloped at a different angle.

The following chapters show how the position of each of the Platonic Solids in the Earth was calculated by using a combination of trigonometry and a computer program (Compuserve VERSAMAP) that could calculate the physical position of straight lines over the curved surface of the earth. Appendix 3 shows a typical example of a VERSAMAP line-run showing the distance and orientation of numerous intermediate co-ordinates along a straight line on the Earth's surface. Although the five solids are presented in their usual order, they were not actually calculated in such order. During 1998/99 I had cause to calculate the position of the Tetrahedron within the Planet following on from another course of study that I was involved with at the time. Intriguingly, this was related to what the Ancients called the 'FOUR CORNERS OF THE EARTH'. The Tetrahedron has 4 Apexes! In that earlier exercise the Great Pyramid was THE anchor for such. The Tetrahedron edge-lines also picked up such important sites as Chartres, the ancient pre-Roman

capital of the Northern Gauls, Knossos, the ancient capital of the Minoans, and Krakatoa, the powerful volcano between Java and Sumatra. So we already had the calculations for the Tetrahedron. Following from this the remaining four solids were calculated in the order where one fitted easily into another:

Order of calculation	Usually accepted order
1. Tetrahedron;	1. Hexahedron (cube)
2. Hexahedron (cube);	2. Icosehedron
3. Octahedron;	3. Octahedron
4. Icosehedron;	4. Tetrahedron
5. Dodecahedron.	5. Dodecahedron

In making the calculations for determining the position of each of the Platonic solids within the Earth one fundamental problem emerged. Each figure will fit into one or more of the other figures, hence all will fit ultimately into a composite whole. However, whereas 4 of the figures will fit only one way into one other (e.g. Octahedron apex in the centre of each face of a cube, Tetrahedron line forming the diagonal of each face of a Cube) one figure had two possible orientations. The Icosahedron (water element) will fit along one of the two centre-lines of each face of a cube (figure 3 refers).

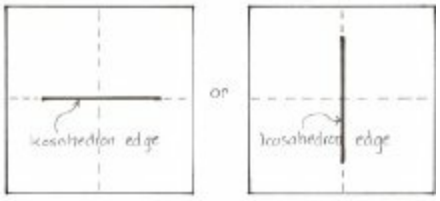


FIGURE 3

But in respect of the figures fitting into the Planet, which one should we choose? The problem is compounded by the fact that whereas the Dodecahedron will only fit one way into the Icosahedron, if we turn the latter figure into a different plane it takes the Dodecahedron with it. See figure 4(a).

FIGURE 4(a)

Figure 4(a) shows one position for the pentagonal faces of the Dodecahedron over Eurasia due to one orientation of the Icosahedron in the Cube, whereas Figure 4(b) shows the alternative orientation. Here it will be seen that a pentagonal face now sits differently over Eurasia.

FIGURE 4(b)

It is interesting to note that the Great Pyramid sits on 4 of the 5 Platonic-solid lines in both cases. But in one case Europe fits into 95% of a pentagonal face, whereas with the alternative orientation Europe is divided into 3 chunks. The Author made the decision to choose the former orientation and then see what happened when detailed ley-lines were built onto the grid at the level of Europe, and then England and Wales. If it seemed that there was a complete misfit the Author was prepared to abandon that orientation and choose the other.

3. DIMENSIONS OF THE EARTH

In the following chapters we will be looking to see how the five Platonic solids will fit into a sphere, which will then be translated into the sphere of the Earth. But the Earth is not a perfect sphere. Due to its spin on its Polar axis, and the fact that the majority of its mass between the crust and core is a viscous mass of magma and molten nickel-iron, the centrifugal force of its spin pulls it out at the Equator, flattening it at the Poles. Additionally, the Moon's orbit around the Earth is approximately around the Earth's Equator, the Moon exerting a magnetic pull at this Latitude on the Crust and ocean floor as well as on the oceans themselves. This means that the Equatorial diameter of the Earth is slightly larger than the Polar diameter, but only by 0.34%.

In choosing units of measure with which to make calculations in the following chapters one could have chosen between the statute mile, nautical mile or kilometre. The statute mile does not relate to any proportions of the earth. The kilometre was supposed to, but when Napoleon's geographers made their calculations for metric linear measure they miscalculated the true dimensions of the Planet, so metric linear measure also does not relate to the proportions of the Earth. However, one Nautical mile represents one minute of arc subtended between the centre of the Earth and its surface, as measured over the surface. When reading calculations in this e-book as they appear on your screen, if the calculations do not make sense, or appear broken up, you might need to reduce your font size to bring them into line, or into order.

The following therefore are the dimensions of the Earth (st.m. = statute mile; nm. = nautical mile):-

Equatorial diameter	= 7927 st.m	or 6884 nm
Polar diameter	= 7900 st.m	or 6861 nm
Difference	= 27 st.m	or 23 nm
Mean diameter (nm)	= $6861 + {}^{23}/_{2}$	= 6873 nm
Mean radius	= $^{6873}/_{2}$	= 3436 nm

Mean Circumference	= 6873 x Π		
	= 6873 x 3.142	=	21,595 nm

23 nm as a percentage of 6861 is 0.34. In other words the difference between the Equatorial and Polar diameters of the Earth is only 0.34%, a percentage difference that can be ignored for the purposes of accuracy for this exercise.

Chapters 6 to 10 will provide the basis for the primary LEY-LINE network of the Planet. It is suggested that the Ancients extended this network to secondary and tertiary levels with the use of structures such as standing stones etc. But examination on the ground today shows that some of these lines sit awkwardly into the Primary Framework. We tend to assume that the Planet is a rigid, stable body. But has the Earth always been of the same dimensions as today? Over geological time of hundreds of millions of years, certainly not. As the internal structure of the Earth cools its total volume decreases; hence also its diameter. But over a period of tens of thousands of years geologists and geographers would expect to see very little change in such. But what if, say, 12,000 years ago there was some cataclysmic event such as the Planet being struck by a large meteorite or comet? Emmanuel Velikovsky, in his book *Worlds in Collision*[4], proposed that the Earth‘s axis and diameter were altered dramatically about 12,000 years ago when just such an event took place.

So how would our ancient forebears have created the secondary and tertiary ley-line networks from the Primary-Network set up by the Platonic Solids? Various topographical and geological features would have come into play; fault lines in the Earth‘s crust where magnetic energies seeping up from the underlying mantle would be more concentrated, underground watercourses, mountain tops. By using standing stones, where the qualities of the crystalline structure of the stone would be known, together with dolmens and ‘burial’ mounds which would act like electric accumulators, energy could be siphoned off from the Primary-Network to irrigate the land, for the benefit of the health of Humankind, animals and crops. But it has to be borne in mind that due to movements in the Earth‘s crust along fault lines with earthquake and volcanic activity, the lines identified and laid out by the ancients might not be in exactly the same position today. And suppose the Earth‘s dimensions **are** now different to what they were 12,000 years ago?

Whilst dealing with long time periods it is pertinent here to mention something about Precession of the Equinoxes and the Zodiac. The Earth‘s axis describes a circle against the background of stars in the heavens with a periodicity of 25,800 years. Traditionally, of all the constellations in the heavens, particularly those in the northern hemisphere, twelve were chosen by the ancients as ‘markers’ of twelve segments of the Cosmic background whence specific energies radiated into our solar system. These energies changed in their nature every 2,150 years. Appendix No. 8 describes the Precession and the zodiac in greater detail.

4. THE GOLDEN RATIO AND THE FIBONACCI SERIES

In more than one source we will find expressions such as ‘God Geometrises’, God as ‘Great Architect of the Universe’,‘Sacred Numbers’ and ‘Sacred Geometry’. It would seem that in the act of Creation the Cosmos has brought into being certain numbers, proportions, angles and cycles as being fundamental to the construction and working of the material plane of manifestation. One particular number that is important to us for the construction of Platonic Solids is 1.618. It is found in a sequence of numbers from 1 onwards, and is known as the GOLDEN NUMBER, which is also known by the Greek letter ‘PHI’ (written as Φ). In relation to 1, that is 1 : 1.618, it is known as the GOLDEN RATIO or GOLDEN PROPORTION.
The Golden Proportion has many curious properties. For example, by adding 1 to Phi one obtains its square:

1.618 + 1 = 2.618 [1.618 x 1.618 = 2.618]

Leonardo Fibonacci, born in Pisa circa 1170, at the age of 21 learned of the Arabic methods of calculation. He subsequently studied, and wrote books on, number theory and mathematics. He discovered a sequence of numbers that would produce the Golden Ratio. In the sequence a number would be found as the sum of the two previous numbers in progression. This sum would then be divided by the number before it to give a ratio of 1 : 1.618.

Hence 1 + 2 = 3; 3 / 2 = 1.500
2 + 3 = 5; 5 / 3 = 1.6 rec’, and so on.

The ratio settles down when it reaches

34 + 55 = 89; 89 / 55 = 1.618.

All subsequent numbers produce 1.618, which is Phi in the Golden Proportion. See Appendix 6 for a fuller progression of numbers in the Fibonacci Series. In each progression it will be seen that the first number in each subsequent calculation will be 1, 2, 3, 5, 8,13, 21, 34, 55, 89, 144 etc. What is interesting in this series of numbers is that they seem to determine forms in the world of nature. Hence the Iris = 3 petals, daffodil = 2 x 3, buttercup = 5, delphinium = 8, ragwort = 13, corn marigold = 21, aster = 34, daisy family = 34, 55, or 89. Sunflowers, in relation to their seed whorls

inside the ring of petals = 34, 55, 89, (clock-wise), 55, 89, 144, (counterclock-wise).

The Golden Ratio, Golden Proportion, or ‘Divine’ Proportion as it was sometimes known to the Ancients, is a ratio that occurs in a number of geometrical figures, such as the rectangle, equilateral and acute-angled triangles, and the pentagram/pentagon. In all of these figures the internal angles are significant and relate directly to the way the Golden Proportion manifests in a figure.

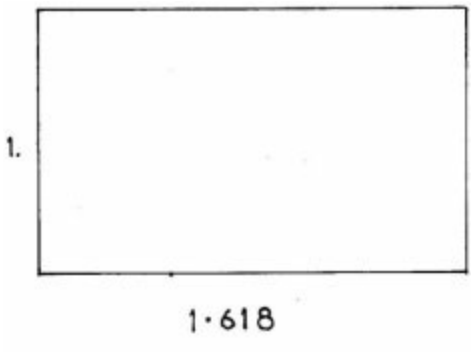


FIGURE 5

In geometry the Golden Section is often expressed as a rectangle with sides of 1 to 1.618. This is known as the ‘GOLDEN RECTANGLE’ (figure 5).

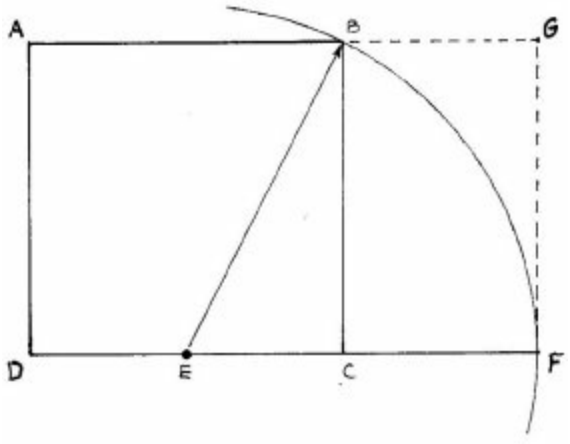


FIGURE 6

The Golden Rectangle is derived from a square. In Figure No.6 ‘E’ is the midpoint on side DC in square ABCD. From pivot E draw a section of a circle through B so that it cuts extended line DC at F. AGFD is a ‘GOLDEN RECTANGLE’ (figure 6).

The Golden Rectangle was known to the ancient Egyptians and Greeks, who used its proportions in the design of their temples and other buildings as it was considered to be very harmonious and lent beauty to the design of such buildings. They actually considered the Golden Section to be Divine and many Geomancers today would consider it to be a fundamental part of what is known as SACRED GEOMETRY. The masons responsible for the design and construction of Europe's Romanesque and Gothic cathedrals knew about, and often used, the Golden section in the design of such. The ancient Egyptians and Greeks did not know of trigonometry, decimal numbers or the signs for addition and multiplication. They would have laid out their Golden Ratio with ruler and compass, as in figure No 6.

In his treatise *The Elements* Euclid in Alexandria in 300 BC dealt in detail with the Platonic solids. In this he showed how one could construct the Golden Proportion using compasses and ruler only. The term 'Platonic Solids' was not actually used by the ancient Greeks, who used the term 'Atoms of the Universe'. In the 15th c. Fra. Luca Paccioli, in the spirit of the European revival of the Classical world, took up the mantle of studying the Golden Proportion and Platonic solids. His writings show that he was familiar with Euclid. He showed how each of the Platonic Solids will fit into each other. Leonardo da Vinci, who was also fascinated by this subject matter, wrote a dissertation jointly with Paccioli on the Golden Proportion under the title of *Divine Proportion*. The dissertation was printed in 1509.

The human body is part of nature and is not exempt from having its parts being in relation to each other according to the Golden Proportion. This will only work out exactly of course in an idealised human form or if an average could be taken of 'Humanity'. We are all individuals and bits of us might not conform to the ideal template! The illustrations in figure 7 give some examples.

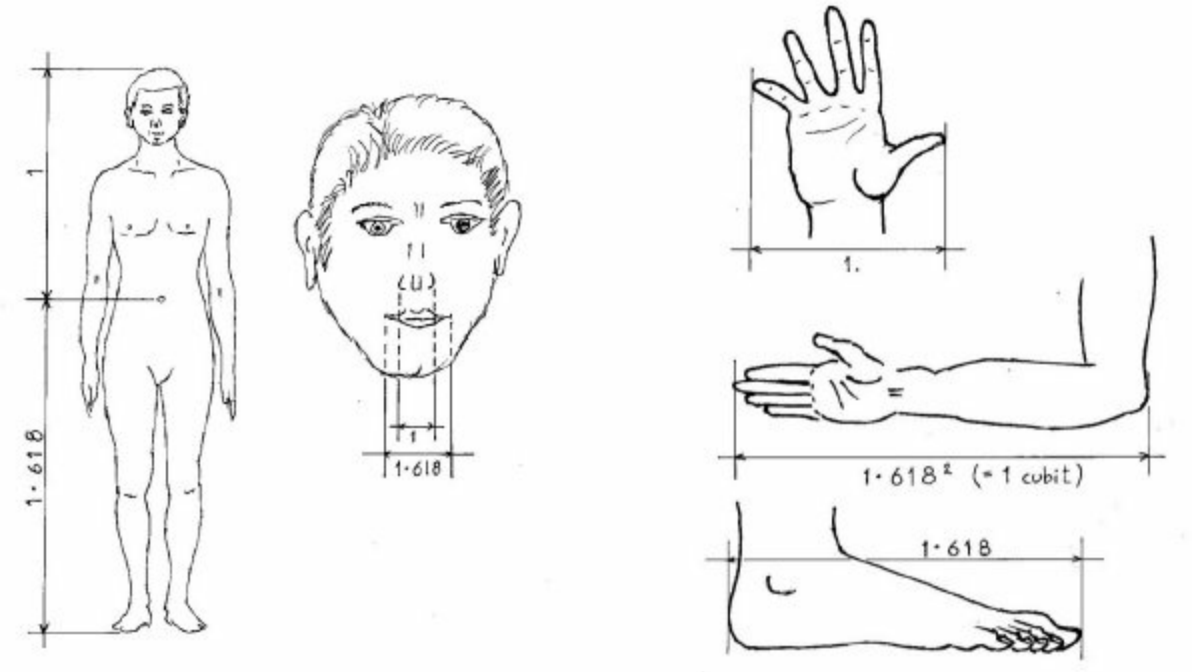


FIGURE 7

As stated above, the Golden Proportion crops up in a number of figures, such as rectangles, triangles, pentagrams, and also spirals relating to such. We will now examine some of these (the rectangle has already been dealt with above).

TRIANGLE:

The Pyramid of Khufu, the Great Pyramid at Giza, has the golden proportion integral to its design:

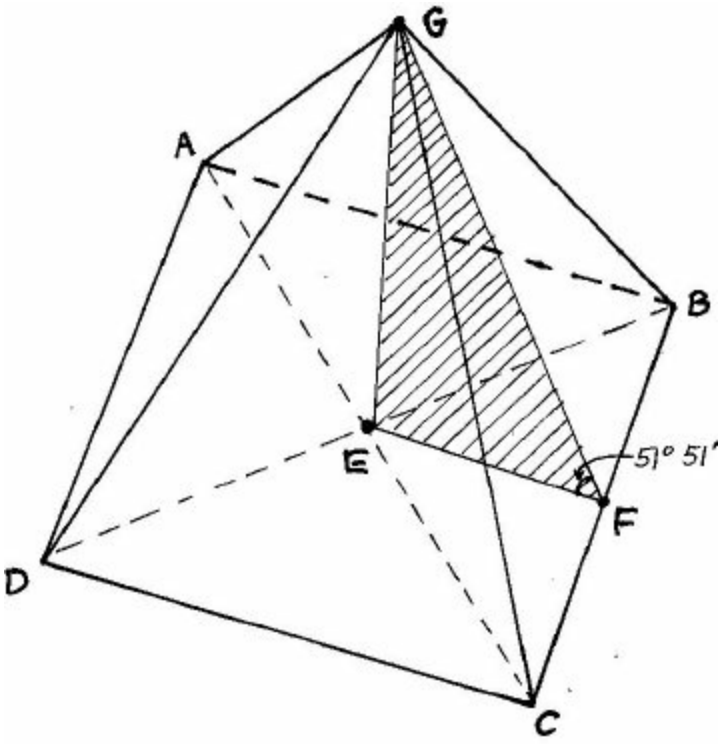


FIGURE 8

In figure 8 the diagram of the Pyramid angle EFG = 51^{o} 51’

If EF = 1 then FG = Phi = 1.618, and

EG = square root of Phi = 1.272

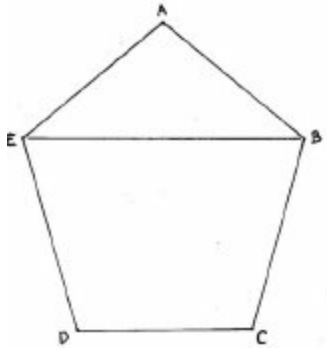


FIGURE 9

PENTAGON OR PENTAGRAM (figure 9):

The pentagon and pentagram have various parts that are in proportion to each other in the golden ratio. In the pentagon in figure 9, if AB = 1 then EB = 1.618.

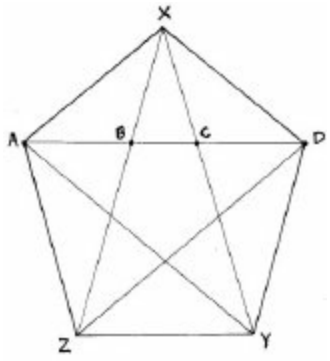


FIGURE 10

In the diagram of a pentagram (figure 10) BC: AB or CD is in the ratio of 1:1.618.
ZY is in the ratio of 1 : 1.618 to XZ or XY.

In the pentagram/gon in figure 11 all internal angles are multiples of 36º. The internal angles are directly related to the Golden Ratio in figure 10.

36 = 6 x 6.

Add all the numbers 1 to 36 together and they = 666.

In the diagram at point ‘x’, the angles are 72º (x 2) and 108º (x 2).

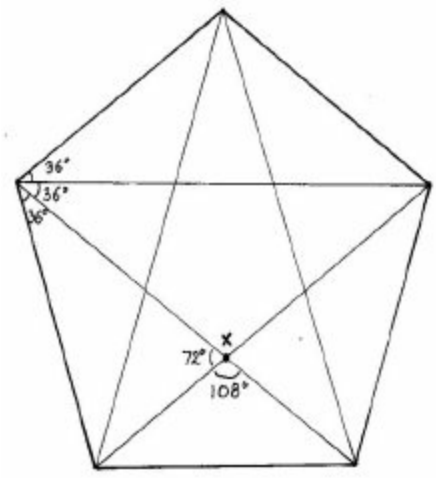


FIGURE 11

2 x 108º = 216º; 6 x 6 x 6 = 216

In the *Book of Revelations*[13] in the New Testament of the Christian Bible,

Chapter 14, verse 1, it is stated:

> ‘I (John) looked, and there on Mount Zion stood the Lamb (Christ), and with him were a hundred and forty four thousand who had his (Christ’s) name and the name of his Father (the Solar God) written on their foreheads (into the brow chakra)’.
>
> Author’s interpretation in brackets

There are 2160 years in one Zodiac Age of 25,920 years.
144,000 divided by 216 = 666.666 recurring.
666 is the number of the **God of our Solar System** and is a Holy Number!

The fifth element, the Dodecahedron, has 12 faces that are in the form of Pentagons. In our part of the Universe it is the Solar Lord who overshadows and empowers the other four elements.

GOLDEN SPIRAL

With many multi-petalled flowers in nature, pine cones, and the spiral form in which some plants grow upward, a form of spiral is followed that can be created by the use of a Golden Rectangle or Golden Triangle. This GOLDEN SPIRAL also seems to determine many other things such as the diamond shapes around a pineapple or the florets in a cauliflower, the shell of a hermit crab or the form of a wave breaking on a seashore. A spiral can be measured in the tightness or looseness of its turns. With a golden spiral if a straight line is drawn across the spiral so as to pass through its centre then the distance between each of two of three contiguous curves will be in proportion to each other that will relate to the golden mean.

Golden spirals can be drawn from golden rectangles, equilateral triangles and pentagons.

GOLDEN RECTANGLE (figure 12).

The rectangle is divided into smaller and smaller golden rectangles, one within the other, in the order of – right – down – left – up – right – down etc.

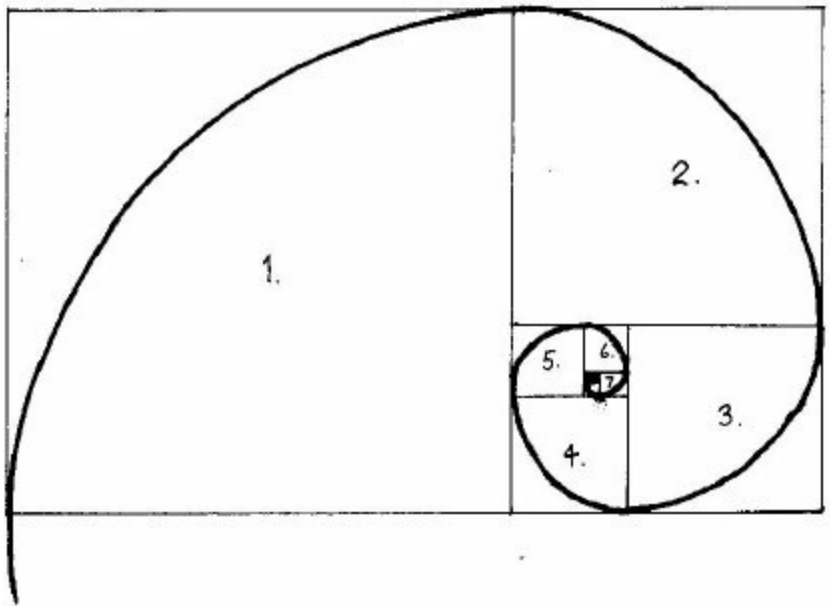


FIGURE 12

EQUILATERAL TRIANGLE (figure 13).

Take one side of the triangle and divide it so that AB is in ratio to AC of 1 : 1.618. The short length AB then forms the side of the next triangle. Repeat continuously so that all further triangles are wrapping around each other in a spiral.

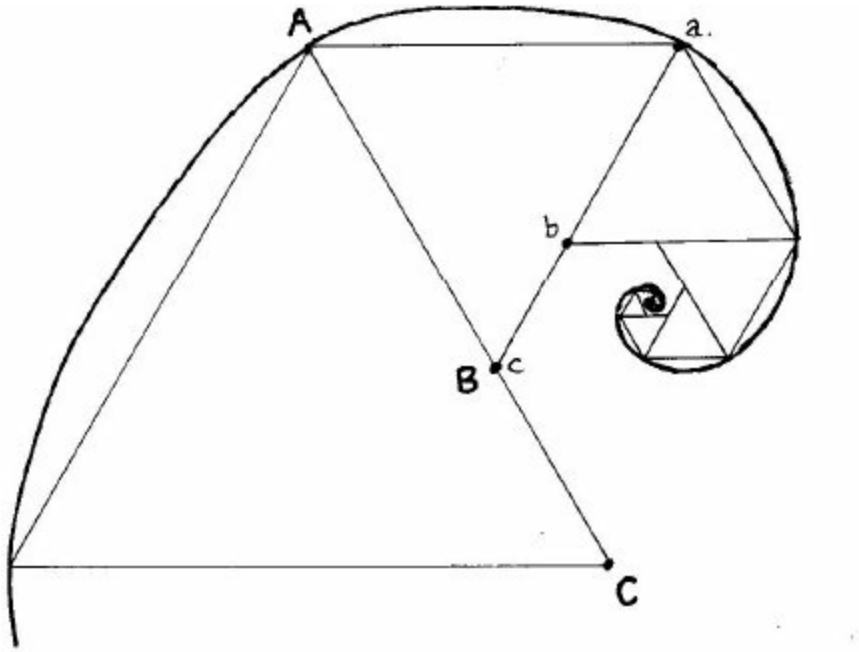


FIGURE 13

PENTAGON (figure 14).

Connect all 5 Apexes to the centre with straight lines. Divide line BC into BD so that BD forms a ratio to BC of 1 : 1.618. Draw a line from D up to A. Triangle ABD will be an acute angle triangle where AB = AD. Repeat the process clockwise so that BD forms one of the two long edges of the next triangle. Continue so that each new smaller triangle spirals around the centre point B of the pentagon.

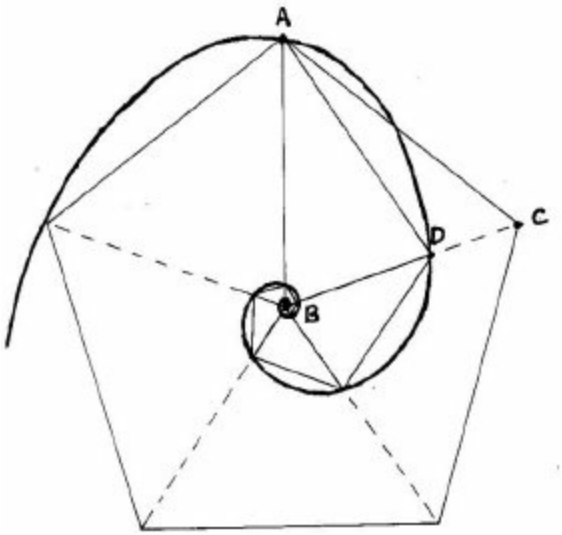


FIGURE 14

The Golden Proportion has been built into the following ancient or historical structures:

- Great Pyramid;
- Dome of the Rock Mosque, Jerusalem;
- Chartres Cathedral, France;
- Façade of the Temple of Athena, Athens.

But it is not only in architecture and building that we find the Divine Proportion, for it is found in Art and Music also. Leonardo da Vinci was known to use it in his paintings, and it was used to construct balance and harmony in the music of Grieg, Schuman, Bartok and Mozart.

Having now established a foundation for the Platonic Solids, we will move on to examine each of the five Solids themselves.

5. PLATONIC SOLIDS AND THE ELEMENTS

> ‘We can see by experience that given equal minds and all things similar, he who has a geometrical mind comes best and acquires a new strength.’
>
> Blaise Pascal

We give below all five platonic solids and the elements that they relate to. The numbers of faces, apexes and edges of each solid is also given. Remember that all solids are related to each other by the Golden Rectangle. This will be illustrated in detail in the following chapters. Various aspects of the construction of the Platonic solids will be found in various crystals and minerals and the reader would find it illuminating to examine, for example, the structure of a crystals of turquoise, scheelite and orpyromorphite.

CUBE OR HEXAHEDRON = Element Earth (female) (Figure 15).

Faces = 6 [squares]
Apexes = 8
Edges = 12

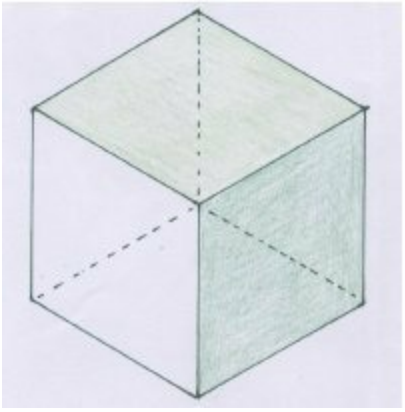


FIGURE 15

ICOSOHEDRON = Water (female) (figure 16).

Faces = 20[equilateral triangles]
Apexes = 12
Edges = 30

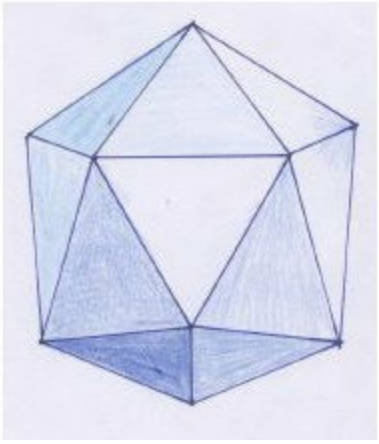


FIGURE 16

OCTAHEDRON = Air (male)(figure 17).

Faces = 8[equilateral-triangles]
Apexes = 6
Edges = 12

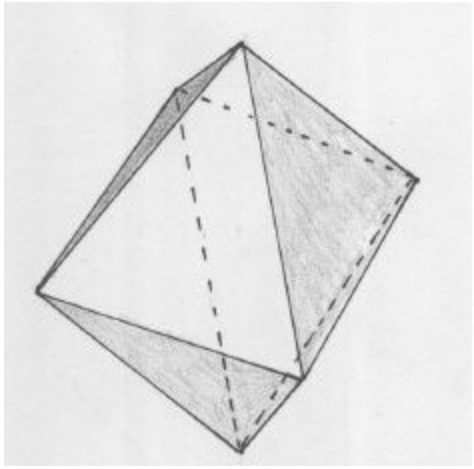


FIGURE 17

TETRAHEDRON = Fire (male) (figure 18).

Faces = 4[equilateral-triangles]
Apexes = 4
Edges = 6

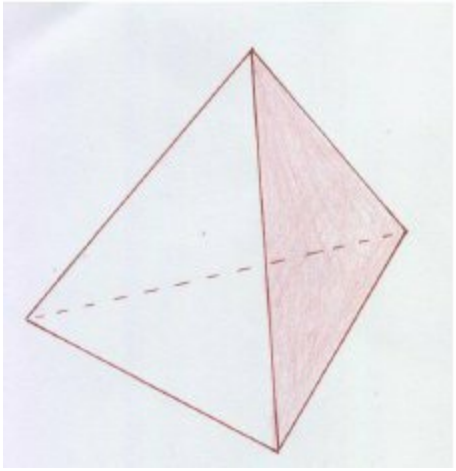


FIGURE 18

DODECAHEDRON = Quintessence or Ether (figure 19).

Faces = 12[pentagons]
Apexes = 20
Edges = 30

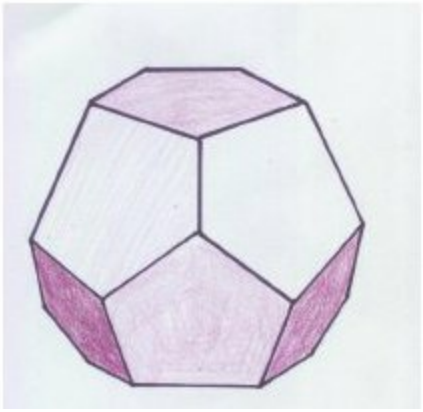


FIGURE 19

Summary – comparison of characteristics.

	Face	Apexes	Edges
Cube	6	8	12

Icosahedron	20	12	30
Octahedron	8	6	12
Tetrahedron	4	4	6
Dodecahedron	12	20	30

Figures that fit inside each other in a direct relationship:

Tetrahedron in a sphere and cube;
Hexahedron (cube) in a sphere;
Octahedron in a sphere and cube;
Icosahedron in a sphere and cube;
Dodecahedron in a sphere and icosahedron and cube.

Having established the ‘principle’ of the three-dimensional matrix of interlocking figures within the sphere of the Earth it is now necessary to apply reference numbers to each apex of this compound figure as this will assist us in the calculations of how each figure fits into the Compound Figure in chapters 6 to 11 of this book. All of the five Platonic solids have a total of 50 apexes. However, some of the apexes of some solids are shared with others where they coincide within the sphere of the Earth so that the total number of apexes in the ‘compound’ figure is only 38. It was decided to number the apexes 1 to 38, starting as near to the North-Pole as possible, and spiralling around the Planet until one came close to the South-Pole as possible. Table No. 1 below shows the apexes of the compound matrix, and also the co-incidence with apexes of the constituent Platonic solids.

TABLE 1 - APEXES OF THE COMPOUND MATRIX

Compound	Cube	Icosehedron	Octahedron	Tetrahedron	Dodecahedron
1					1
2	2			(2)	2
3		3			
4	4			4	4
5		5			
6			6		
7		7			
8					8
9			9		
10					10
11		11			
12					12
13					13
14	14			14	14
15					15
16		16			
17		17			
18			18		
19	19			(19)	19
20			20		
21	21			21	21
22	22			(22)	22
23					23
24		24			
25		25			
26		26			
27					27
28					28
29		29			
30					30
31			31		
32					32
33	33			(33)	33
34		34			
35			35		
36	36			36	36
37		37			
38					38
x 38	x 8	x 12	x 6	x 4	x 20

n.b. figures in parenthesis, e.g.(6), relate to the second or ‘shadow’ tetrahedron in Chapter 11.

6. HEXAHEDRON (CUBE) = EARTH (f)

A HEXAHEDRON (figure 20) has:

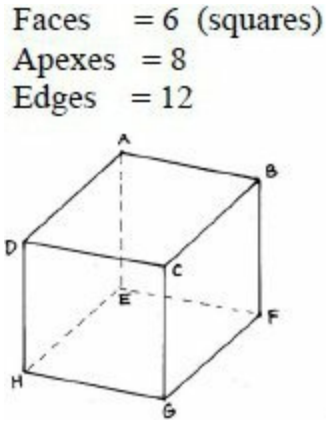


FIGURE 20

We need to find how a cube fits into a sphere (the Earth) but will also find how a tetrahedron fits into a cube. As explained in the introduction, work had already been done some years ago that fixed the Planetary-Tetrahedron into the sphere of the Earth, being anchored on the Great Pyramid of Giza.

A tetrahedron has 6 edges, a cube 6 faces. A tetrahedron will fit exactly into a cube where the edge of the tetrahedron will form 1 of the 2 diagonals on each face of the cube (figure 21). It is interesting to note that a double-tetrahedron (mystically, a 'Merkaba') with 12 edges would coincide with all 12 diagonals of the 6 faces on a cube.

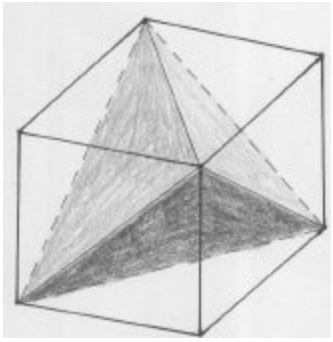


FIGURE 21

Take the face ABCD of a cube (figures 22a & 22b). The diagonal AC is the

edge of a tetrahedron, the centre of which is X. We need to find the length of AX. Assume AB to be 10 units.

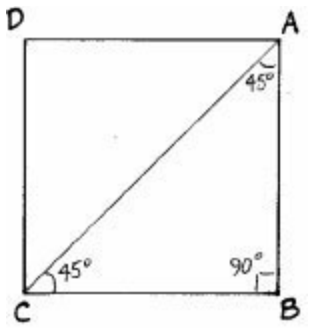


FIGURE 22a

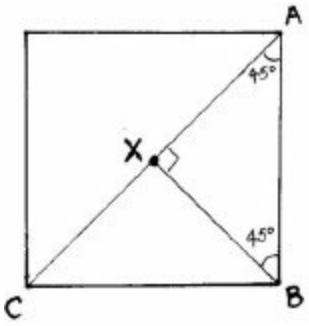


FIGURE 22b

$\frac{AX}{AB}$ = sin angle ABX $\frac{AX}{10}$ = sin 45° AX = 10 x 0.707 = 7.070

We now need to find the length of OB, where O is the centre of the cube (and also the sphere of the Earth) – figure 22c.

In figure 22c AX = BX XO = $\frac{AB}{2} = 5$ $\frac{XB}{XO}$ = tan angle XOB

$\frac{7.07}{5} = 1.414$ therefore angle XOB = 54.7° $\frac{XB}{OB}$ = sin 54.7°

$\frac{7.07}{OB} = 0.816$ $\frac{OB}{7.07} = \frac{1}{0.816}$ OB = $\frac{7.07}{0.816}$ = 8.66

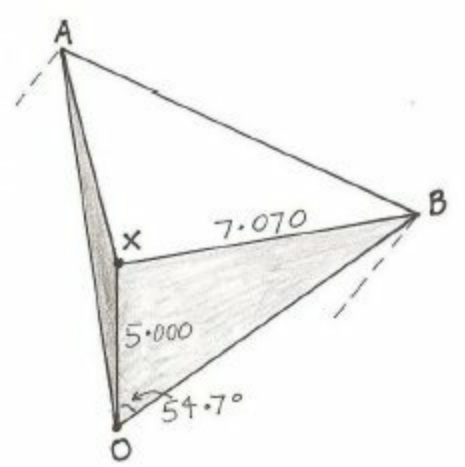


FIGURE 22c

We now need to find angle AOB, which is twice the angle AOY or BOY (figure 22d).

$$^{YB}/_{BO} = \sin \text{ angle BOY} \qquad ^{5}/_{8.66} = 0.577 = 35.3°$$

Therefore angle AOB = 2 x 35.3º = 70.6º

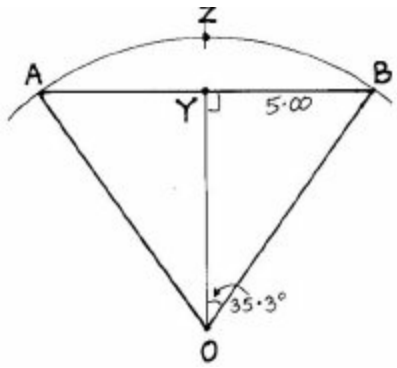


FIGURE 22d

To find the length of a minor arc:

The Earth's circumference is 21,595nm. $^{360}/_{70.6} = 5.099$

$^{21,595}/_{5.099}$ = AZB = 4235nm. Which is the length of an edge-line of a cube, projected onto the surface of the Earth

In figure 22e, one face of the cube is shown with its apex numbering as derived from Table No. 1, where the tetrahedron diagonal will be seen to pass from apexes (4) to (21). These apexes are common to both figures.

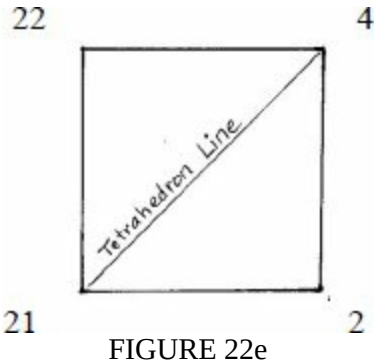


FIGURE 22e

Using the VERSAMAP Computer program, we now use batches of 3 tetrahedron apexes (which, as explained earlier, had already been calculated in an earlier study) to project out to each of the 4 cube Apexes (each of which has been estimated using rough plots made on a globe and then corrected by trial and error):

TABLE No. 2 - CUBE AND TETRAHEDRON APEXES

Cube Apex		Tetrahedron Apex	Apex Co-ordinates			Line Length
2		Cube co-ord	49° 50' N	101° 30' E		
	From:	4	54° 17' N	38° 53' W	=	4242nm
		21	13° 31' S	65° 34' E	=	4247nm
		14	10° 00' N	173° 45' E	=	4257nm
19		Cube co-ord	13° 30' N	113° 15' W		
	From:	4	54° 17' N	38° 53' W	=	4198nm
		36	50° 00' S	78° 25' W	=	4229nm
		14	10° 00' N	173° 45' E	=	4278nm
22		Cube co-ord	10° 45' S	7° 15' W		
	From:	4	54° 17' N	38° 53' W	=	4219nm
		21	13° 31' S	65° 34' E	=	4259nm
		36	50° 00' S	78° 25' W	=	4183nm
33		Cube co-ord:	58° 30' S	138° 30' E		
	From:	14	10° 00' N	173° 45' E	=	4242nm
		21	13° 31' S	65° 34' E	=	4208nm
		36	50° 00' S	78° 25' W	=	4219nm

Remember that the tetrahedron apexes are coincidental with four of the eight cube apexes. All eight cube apexes are 2, 4, 14, 19, 21, 22, 33, 36.

7. ICOSAHEDRON – Water (f)

An Icosahedron (figure 23) has:

Faces = 20 (equilateral)
Apexes = 12
Edges = 30

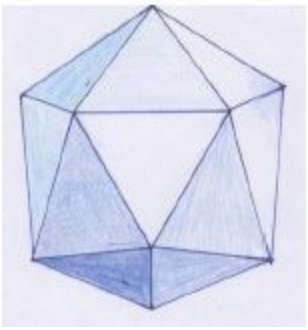


FIGURE 23

The central structure or skeleton from which the equilateral triangular faces of the Icosahedron are suspended is made up of 3 interconnecting Golden-Rectangles in the 3 planes (figures 24a & 24b).

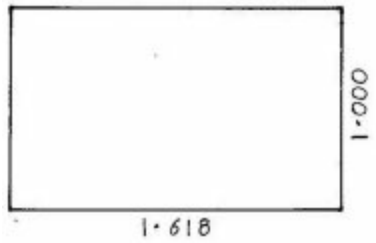


FIGURE 24a

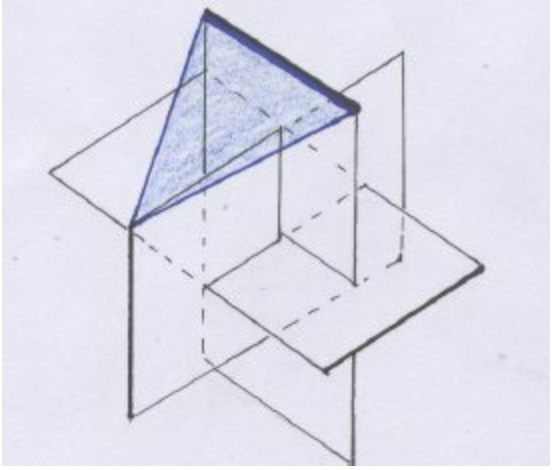


FIGURE 24b

The short edges of 3 Golden-Rectangles present 12 apexes from which the edge lines of the triangular faces spring.

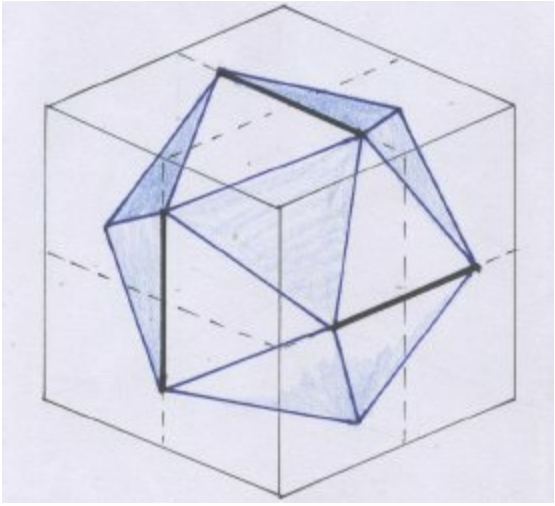


FIGURE 24c

If the Icosehedron is placed within a cube (figure 24c) then the 6 short edges of the 3 Golden-Rectangles all appear on one of the 6 faces of the cube. They appear on 1 of the 2 parallel centre lines of each face of the cube, which are also the edge-lines of the Octahedron. But only in the ratio of 1 (Icosohedron) to 1.614 (Cube centre-line). Also, on adjoining faces of the Cube the Icosahedron short edges lie in alternately different planes, i.e. where the width of the Cube centre-line is 1.614 and the short edge of the Icosahedron Golden-Rectangle is 1.

The internal skeleton of the 3 Golden-Rectangles has 12 Apexes as does the

Icosahedron. These Apexes therefore are the points from which the edge lines and faces will be constructed on the surface of the Earth.

Before we find the co-ordinates of each of the Apexes we need to find the length of the edge lines.

All apexes are at the surface of the Earth (figures 24d & 24e). Short edge (a) (c) is, say, 10 units, long edge (b)(d) is then 16.14 units (1 : 1.614). ‘O’ is the centre of the Golden- Rectangle

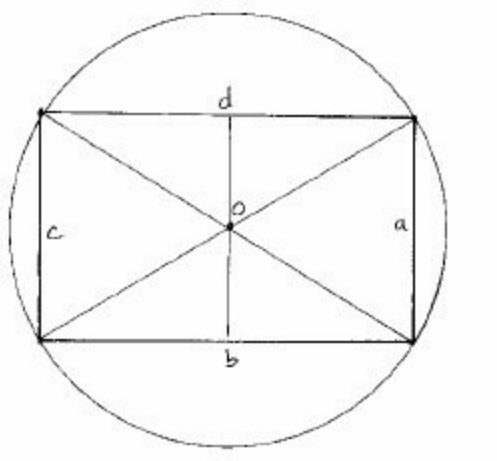


FIGURE 24d

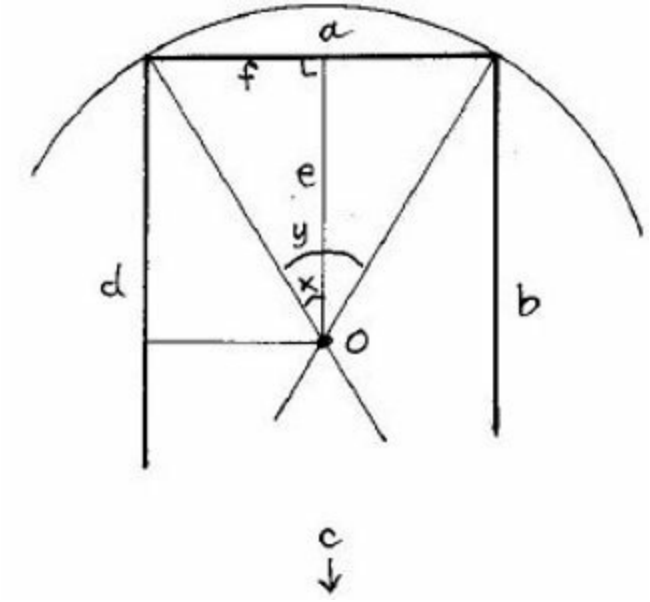


FIGURE 24e

$e = {}^{d}/_{2} = {}^{16.14}/_{2} = 8.07$ $f = {}^{a}/_{2} = {}^{10}/_{2} = 5.00$ ${}^{f}/_{e} = \tan$ angle x

${}^{5}/_{8.07} = 0.62$ therefore angle x = 31° 48'

angle 'y' = 2 x 31° 48' = 63° 36' ${}^{360 \text{ deg } 00 \text{ min}}/_{63 \text{ deg } 36 \text{ min}} = 5.67$

Mean circumference of the Earth ${}^{21,595\text{nm}}/5.67 = \mathbf{3.809nm}$ which is the edge-line of the icosehedron on the curved surface of the Earth.

Now the centre lines of the faces of the Cube within the Earth define the edges of the Octahedron, although the Octahedron edge-lines, starting from point 'x' in figure 24f, project beyond the cube boundaries.

In figure 24f a – b – c is a face of an Icosahedron superimposed upon the face of a Cube and edge-lines d – e and f – h are the centre-lines of the Cube face, whose apex is x. It is to be noted that lines d – e and f – h are also edge- lines, in part, of the Octahedron (see next chapter).

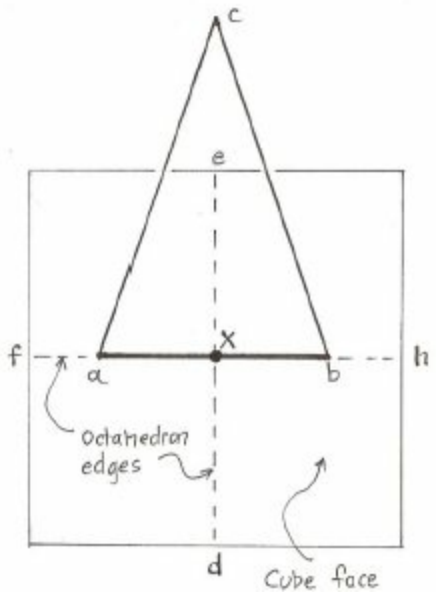


FIGURE 24f

We have calculated that the edge-lines of the Icosahedron, ab, bc, ca, are 3,809nm long. ax and xb are therefore ${}^{3809}/2 = 1904\text{nm}$

We now know the length of half the edge-line of the Icosahedron (1904nm).

Because of the way that the Icosahedron face and Apexes lie on the edge-lines of the Octahedron all we need to do now is take-off 1904nm from the Octahedron length of 5400nm (average length of all edges) to find the Icosahedron co-ordinates. (See Chapter 8 for calculations of Octahedron Lines). Remember that in chapter 2 it was stated that the author actually calculated the octahedron lines and co-ordinates **after** the cube and tetrahedron, but **before** the icosehedron, so we already have the octahedron data. A typical set of calculations would be as follows (we have chosen the Icosahedron face that lies across Western Europe and North Africa; apex 9 is the co-ordinate for the Great Pyramid of Giza) (see also figure 24g).

Octahedron line 6 - 9:

9 nm; 6 = 5437 nm on its VERSAMAP run.

Apex ‘3’ is 1904nm from apex 9

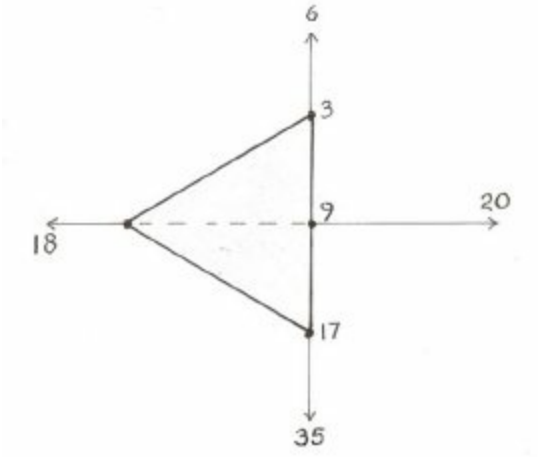


FIGURE 24g

On the VERSAMAP plot for line 6 - 9, apex 3 falls between plots (figure 24h):-

No. 3 - 1503nm from 9	55^{o} 01’ N	:	33^{o} 00’ E
No. 4 - 1933nm from 9	62^{o} 09’ N	:	34^{o} 00’ E

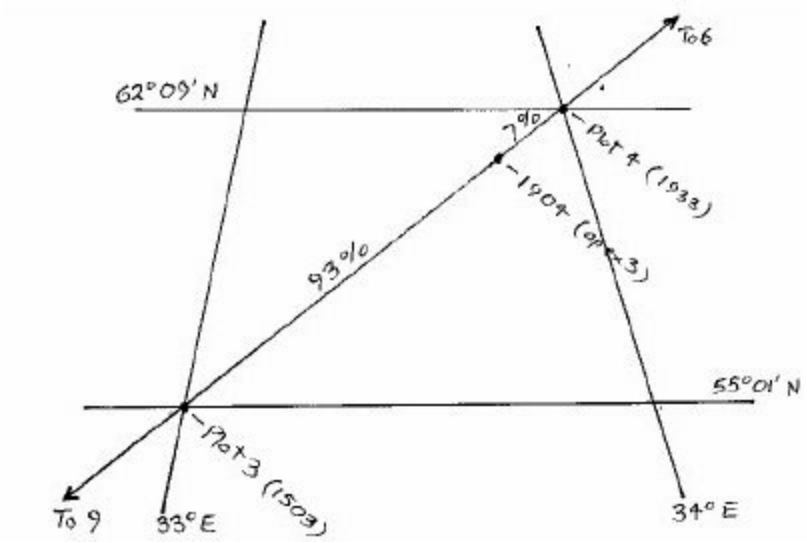


FIGURE 24h

1503 – 1933 = 430nm 1933 - 1904 = 29nm 29 is 7% of 430

Difference in latitudes:

62º 09’ – 55º 01’ = 7º 08’ = 428’

x 7% = 107’, say 1º 46’.

62º 09’ – 1º 46’ = 60º 13’ N

Difference in longitudes:

35º 00’ - 34º 00’ = 60’

x 7% = 4’

34º 00’ - 0º 4’ = 33º 56’ E

Therefore Icosehedron apex 3 = **60° 13’ N : 33° 56’ W**

Co-ordinates for all apexes of the icosehedron are given in Appendix No. 5.

It is significant that Line 3-16 of the Icosehedron passes through the highest mountain on the Planet, Mount Everest.

8. OCTAHEDRON – Air (m)

An octahedron (figure 25) has:

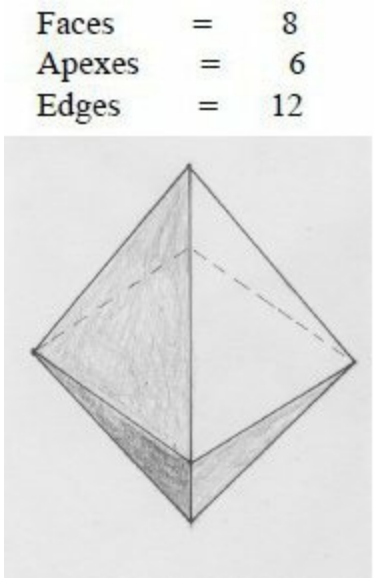


FIGURE 25

An Octahedron can be inscribed within a : (a) Hexahedron (cube), and
(b) Sphere (of the Earth).

The 6 Apexes of the Octahedron centre on each of the 6 faces of the cube. On face ‘ABCD’ of a cube (figure 26b), the apex of the Octahedron is going to fall in the centre of such, at ‘E’. Apexes ‘FGHI’ of the Octahedron will fall in centre of the cube faces adjoining ABCD.

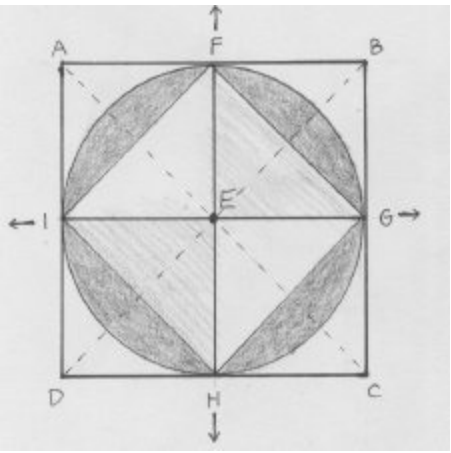


FIGURE 26a

To find the length of the edge-line on the surface of the Earth:

We already know that the Octahedron fits into a cube such that the apex of the former is at the centre of a face of the latter. Figure 26b is one quadrant of Figure 26a, where a slice has been taken through the cube at its halfway mark, level with an apex of the Icosahedron. Icosehedron Apexes F and G are at the surface of the Earth.

Angle FEG = 90^{o}

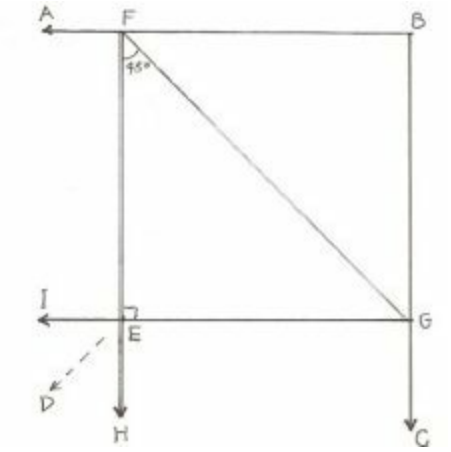


FIGURE 26b

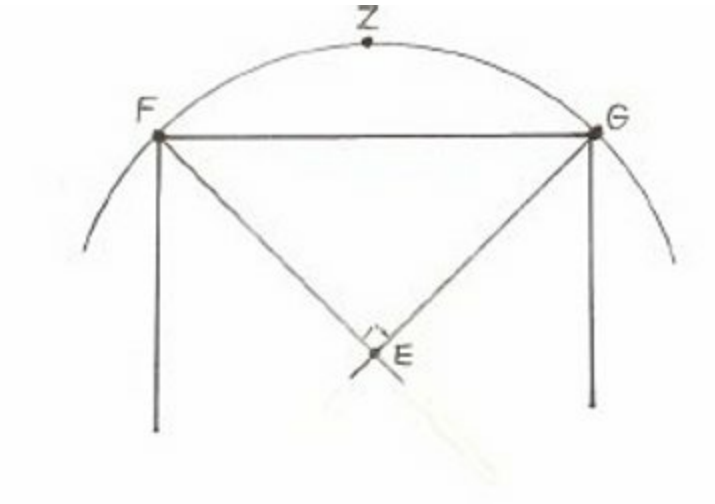


FIGURE 26c

To find line FZG (figure 26c): Earth‘s circumference = 21,595nm

Therefore Line FZG = $\frac{21595 \times 90}{360}$ = **5399nm**

To find the co-ordinate of ‘E’ we simply need to do a VERSAMAP run between cube apexes ‘A’ and ‘C’ or ‘B’ and ‘D’, and halve the distance. But we already have these runs due to the edge-lines of the Tetrahedron running as diagonals on each face of the cube.

So we already have plots for the Tetrahedron which can now be used to find our co-ordinates for the beginning and end of each Octahedron line. The Apexes of the Octahedron have been designated 18, 9, 20, 31, 6, 35. Each Octahedron apex lies at the centre of a Tetrahedron line.

We will now carry out a calculation for Apex 18 (Guyana), which will be typical of the sort of calculation that will have been done by the Author for the remaining Apexes (see figure 26d).

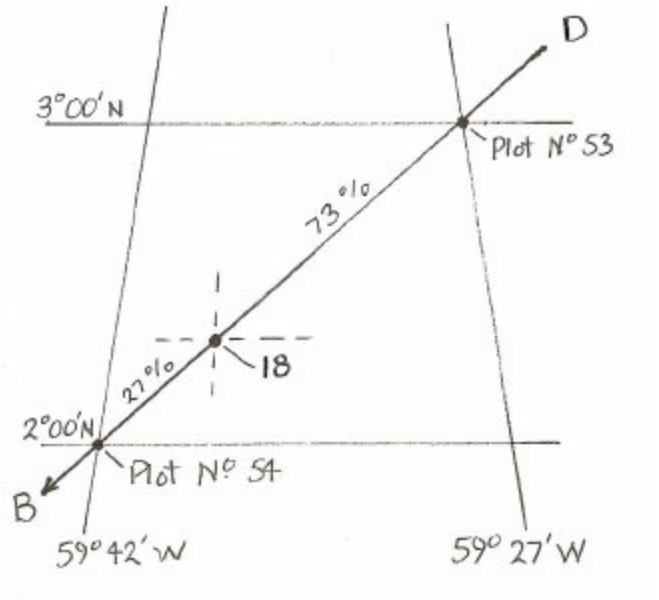


FIGURE 26d

Tetrahedron Line 4 - 36 is 6565nm.

The halfway point for Octahedron '18' will be 6565 divided by 2 = 3283.

But the nearest VERSAMAP Tetrahedron plots are:

No. 53 = 3238nm (3° 00' N : 59° 27' W)
No. 54 = 3300nm (2° 00' N : 59° 47' W)
= 62nm distance between plots 3300 – 3283 = 17nm 17 = 27% of 62.

Difference in Latitudes:
3^0 N – 2^0 N = 60', 27% of 60 = 17'
2^0 N + 17' = 2^0 17' N

Difference in Longitudes:
59^0 42' – 59^0 27' = 15'
27% of 15' = 4'
59^0 42' W – 4' = 59^0 38' W

Therefore 18 = 2° 17' N : 59° 38' W

Co-ordinates for all apexes of the octahedron are given in Appendix No. 5.

9. TETRAHEDRON – fire (m)

A tetrahedron (figure 27) has:

Faces	=	4 (equi' triangles)
Apexes	=	4
Edges	=	6

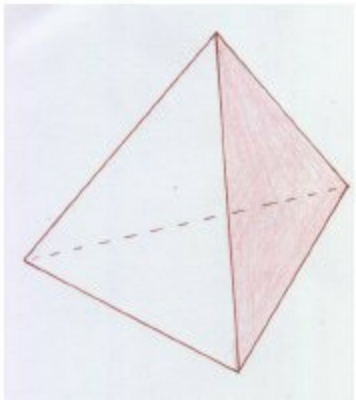


FIGURE 27

We first need to find the centre point of the tetrahedron. (See figure 28a).

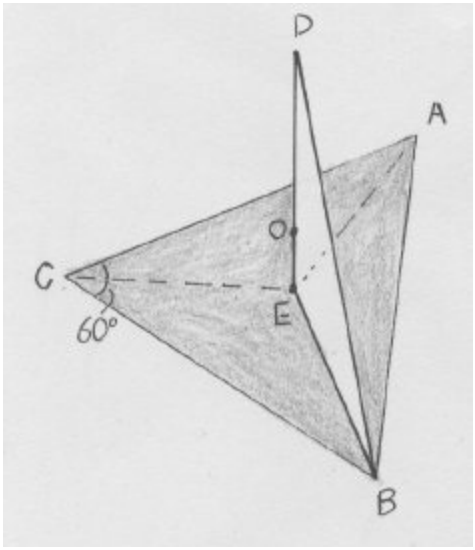


FIGURE 28a

Take base ABC. All internal angles = 60^{o}. On base ABC we construct a vertical triangle BDE where 'E' is the centre of triangle ABC. Line D-E will

pass through the centre of the Tetrahedron (hence also a sphere). Let the centre = ‘O’.

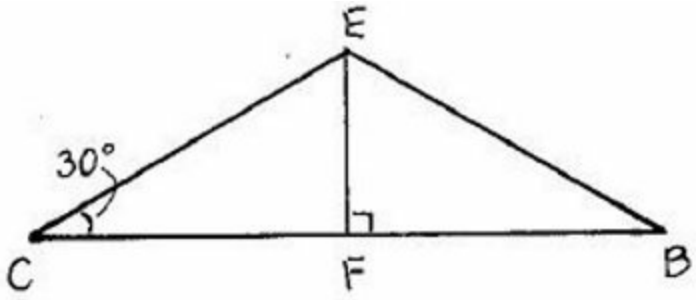


FIGURE 28b

We will assume that the sides of triangle ABC all = 10 units, hence also BD.
In Figure 28b

F-B = $^{10}/_{2}$ Angle FBE = half CBA = 30° $^{FB}/_{EB}$ = cos 30°

$^{5}/_{EB}$ = cos 30° $^{EB}/_{5}$ = $^{1}/_{\cos 30 \text{ deg}}$ EB = $^{5}/_{0.86603}$ **EB = 5.77**

We now take triangle BDE, where ‘O’ is the centre of a sphere. As ‘D’ and ‘B’ are Apexes at the surface of the sphere then D-O and B-O are equal (see figure 28c).

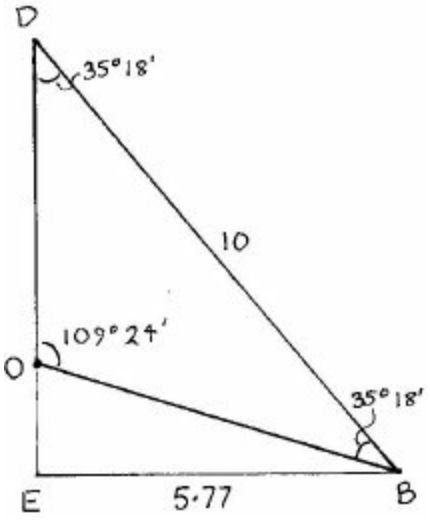


FIGURE 28c

^{EB}/DB = sin angle EDB **$^{5.77}$/10** = 0.577 Therefore angle EDB = 35° 18’

and also angle OBD = 35^{o} 18’ and angle DOB = 180^{o} – (2 x 35^{o} 18’)

$= 180^{o} – 70^{o}36' = 109^{o}\ 24'$

D-B, centred on 'O', is the chord of a circle which is the circumference of the Earth (figure 28d).

To find a straight line over the curved surface of the Earth:

DXB is a minor arc. $^{360}/109.5 = 3.29$

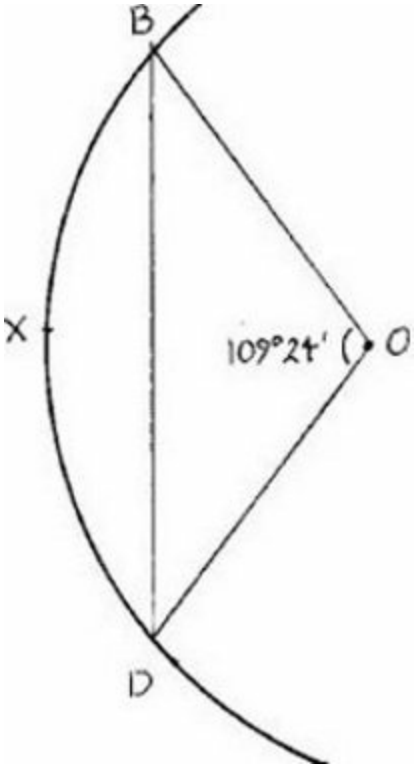


FIGURE 28d

The circumference of the Earth = 21,594nm.

The length of side D-B of the Tetrahedron projected onto the surface of the Earth (DXB) =

$^{21,594}/3.29 = 6,563nm$

All the co-ordinates of the tetrahedron are already given in Table No. 2 of Chapter 6, and also Appendix No. 5.

10. DODECAHEDRON – Quintessence / Ether

A dodecahedron (figure 29) has :

Faces = 12 (pentagons)
Apexes = 20
Edges = 30

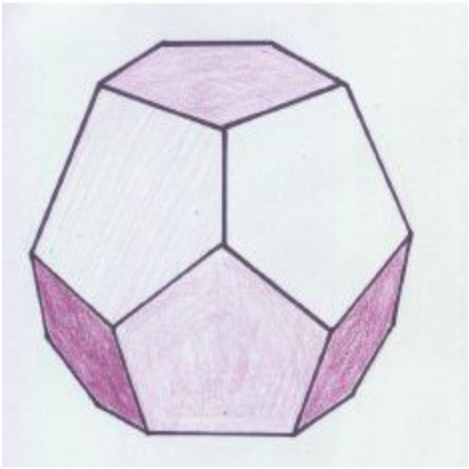


FIGURE 29

It is quite straightforward to locate a Dodecahedron within an Icosahedron as the former has 12 faces to the latter's 12 Apexes. In other words, each apex of the Icosehedron will fit in the centre of each Dodecahedron face.

Before calculating the co-ordinates for each of the 20 Apexes of the Dodecahedron so as to calculate the edge-line runs it is worth reminding ourselves that the element 'Ether', as represented by the Dodecahedron, is the spiritualization of the other four elements. If we take one face of the Dodecahedron projected onto the surface of the Earth, it will contain parts of lines of all 4 of the other elements (see Figure 29). Within the figure the lines of the different elements form different angles with each other and with the Pentagon. These angles have a specific geomantic significance.

To find the co-ordinates of the Apexes of the Dodecahedron the position of each face of the Dodecahedron was first plotted on a globe. It was by so doing that it was realised that a symmetrical figure, replicated in every face, contained lines of all the other four elements. The element lines within the

figure were all related to the Pentagon in some way (see Figure No.30).

To find the co-ordinates we have numbered each of the 20 Apexes as shown in Table No. 1. in chapter 5. With each face, which has 5 Apexes, one apex coincides with the apexes of the tetrahedron, one apex coincides with a Cube apex, and 3 Apexes lie on Octahedron edge-lines, which can be calculated from the Octahedron Apexes, which do not coincide with Pentagon Apexes.

We will now take the Dodecahedron face that lies over Eurasia as an example and the co-ordinates for that face in turn, and then produce computer-runs of each line from such (see Appendix No. 3 for a typical VERSAMAP line-plot) (See also figures 30, and 31a to 31e).

With each face there are five Apexes. Two of the Apexes are also Apexes for other Platonic solids, as stated in 9.4 above. This leaves three apex co-ordinates to find (b,e,f in Figure No.31b).

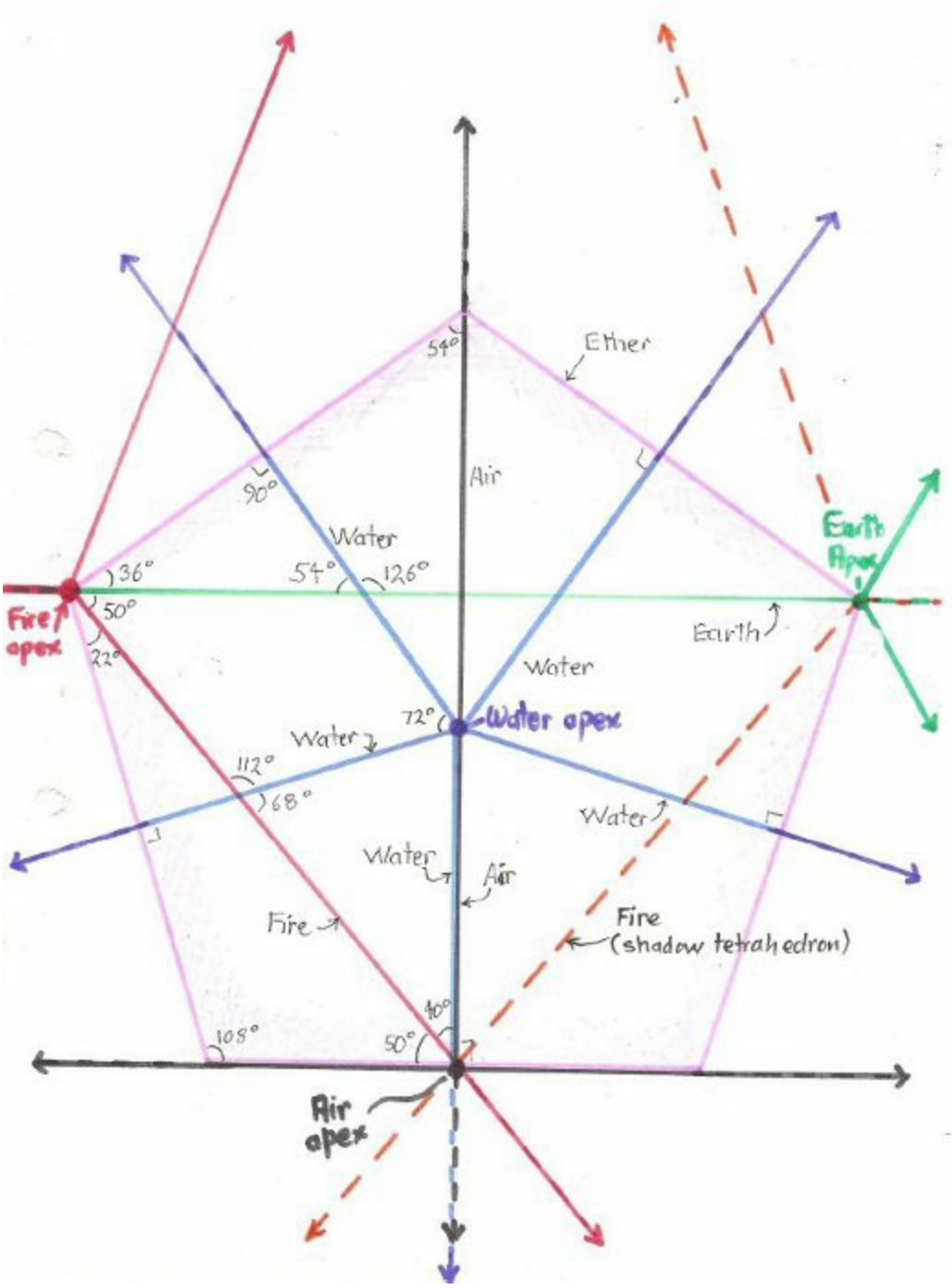


FIGURE 30

PENTAGONAL FACE WITH LINES OF THE FOUR OTHER ELEMENTS

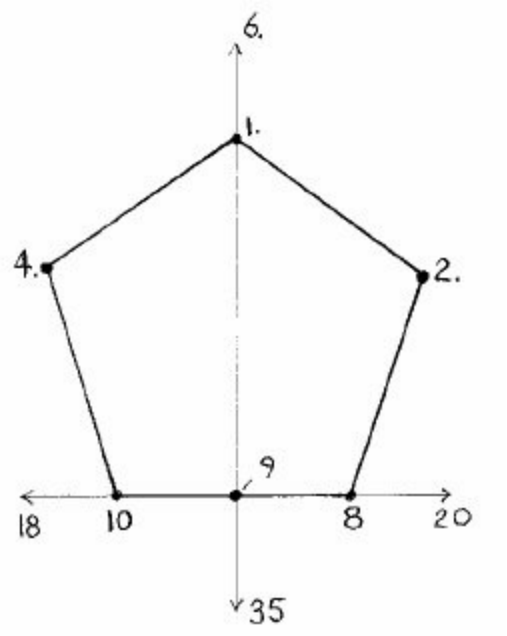


FIGURE 31a

Two of these Apexes,’e’ and ‘f’ lie upon Octahedron lines 9 to 18, and 9 to 20, that run through the bottom edge line of our Pentagon. Point ‘9’ in the figure is an apex of the Octahedron (see fgure 31a).

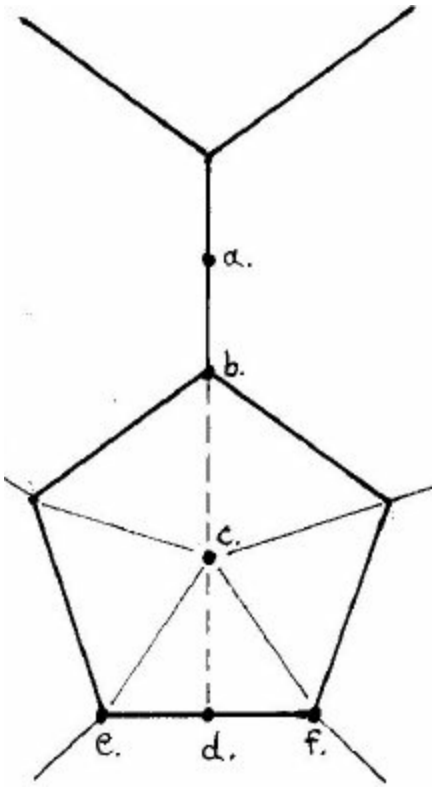


FIGURE 31b

An average taken of all edge lines of the Planetary Octahedron, as already calculated, comes to 5400nm. In Figure 30b ‘a-d’ is an Octahedron edge-line, and is 5400nm long. If we can find the ratios between a-b, b-c, and c-d then we can calculate the edge-line of the Pentagon, which will be 2 x a-b (or 2 x d-e, or 2 x d-f)(see figure 31b).

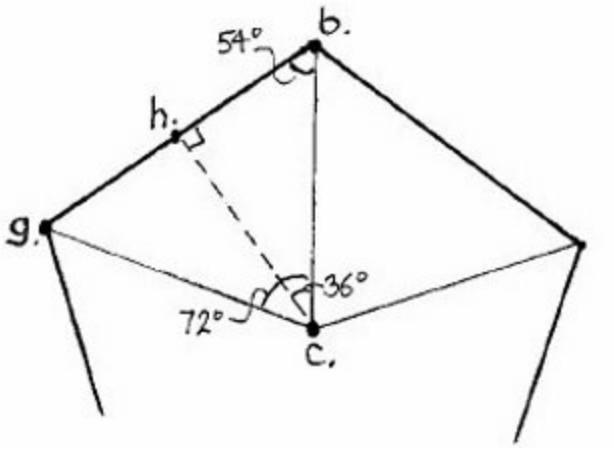


FIGURE 31c

Let us assume that the Pentagon edge-line = 10 units.

In figure 31c: ‘a to b’ = $^{10}/_{2} = 5$

To find ‘b’ to ‘c’:

In triangle ‘bcg’, the internal angle = $^{360\ deg}/_{5} = 72°$ Angles ‘gbc’ and ‘bgc’ are equal

Therefore angle ‘bch’ = $^{(180 - 72)}/_{2} = ^{108}/_{2} = 54°$ ‘bi’ = $^{10}/_{2} = 5$ units

In triangle bch, angle bch = half angle bcg = $^{72}/_{2} = 36°$
$^{bh}/_{bc} = \cos 54°$ $^{5}/_{bc} = 0.58779$

$^{bc}/_{5} = ^{1}/_{0.58779}$ So bc = $^{5}/_{0.58779}$ = **8.506**

We now know ‘a – b’ and ‘b – c’

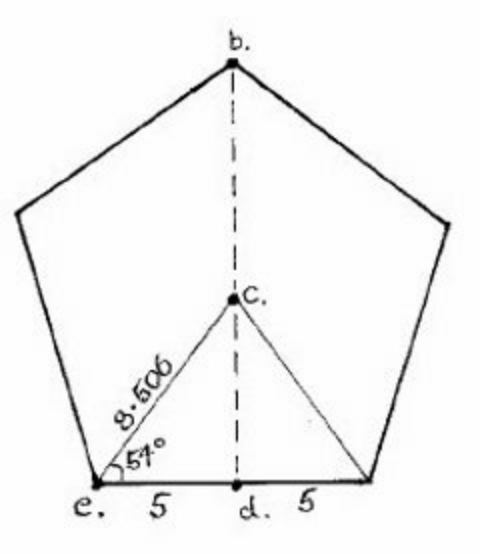


FIGURE 31d

Line ‘c – h’ in Figure 31d is the same length as ‘c - i’ in Figure 31c.

Therefore $^{cd}/_{5}$ = tan angle 54° So ‘cd’ = 5 x tan 54° = 5 x 1.37638 = **6.882**

To summarize:

	a – b	= 5.000
	b - c	= 8.506
	c - d	= 6.882
Total:	a - d	= 20.388 units

5400nm divided by 20.388 = 264.862nm

Therefore	a - b (and d – e)	= 264.862	x 5.000	= 1324.310nm
	b - c	= “	x 8.506	= 2252.916nm
	c - d	= “	x 6.882	= 1822.780nm
	a - d			= 5400.006nm

The total length of an edge line of our Planetary Dodecahedron face, the Pentagon, is therefore:

2 x (a to b) (or d – e) = 2 x 1324.310 = **2648.62nm** per unit

We can now proceed to find the missing co-ordinates.

In Figure 31a co-ordinate ‘a’ is found by subtracting or adding half the Dodecahedron edge-line from the Octahedron co-ordinate (6) in the Pentagons above it. Co-ordinates ‘c’ and ‘d’ are found by adding or subtracting from the Octahedron co-ordinate value in the centre of the base line of the Pentagon (9).

Table No 3 lists all 12 of the Dodecahedron faces with their apex designations. It will be realised that each apex will be an apex also for two adjoining pentagons. Using the above methodology Table No.4 shows the co-ordinates for each apex, some being those of the Tetrahedron or Octahedron Apexes, some being calculated as below.

TABLE 3 APEXES OF THE 12 PLANETARY PENTAGONAL FACES

PENTAGONAL FACE		APEXES				
1.	EUROPE	1	2	8	10	4
2.	NORTH AMERICA	1	4	12	19	13
3.	NORTH-WEST PACIFIC	1	13	14	15	2
4.	ASIA	2	15	27	21	8
5.	AFRICA	8	21	28	22	10
6.	ATLANTIC	4	10	22	23	12
7.	S.E. PACIFIC / S. AMERICA	12	23	36	30	19
8.	CENTRAL PACIFIC	13	19	30	32	14
9.	AUSTRALASIA	15	14	32	33	27
10.	S. INDIAN OCEAN	21	27	33	38	28
11.	S. PACIFIC	30	36	38	33	32

We will now use the ‘Europe’ face as an example of a typical calculation to find the co-ordinate of apex (1). (1) lies on Octahedron line (6) to (9) 1324.31nm from (6) that is, half the length of a pentagon edge (see Figure No. 31a).

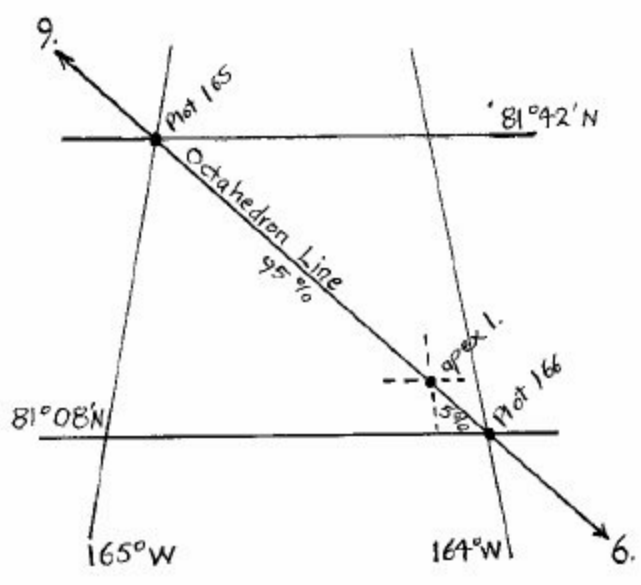


FIGURE 31e

In figure 31e (6) is at the end of the run, at 5437nm

Therefore 5437 – 1324 = 4113

4113 lies between VERSAMAP plots:

4079 (81° 42' N : 165° 00' W)
and 4115 (81° 08' N : 164° 00' W)

4115- 4079 = 36
4115- 4113 = 2

2 = 5% of 36nm

LATITUDE	81° 42' - 81° 08'	= 34'
	34 x 5%	= 2'
	81° 42' less 2'	= **81° 05' N**
LONGITUDE	165° - 164°	= 60'
	60 x 5%	= 3'
	164° plus 3'	= **164° 03' W**

In making the above calculations we have to be careful as to whether our line is increasing or decreasing in value as it proceeds through latitudes and longitudes.

The following table gives the co-ordinates, calculated in a similar way to the above example, for all 20 Apexes of the Planetary Dodecahedron:

- - - -

TABLE 4 CO-ORDINATES OF THE APEXES OF THE DODECAHEDRON

APEX	CORDINATES	
1	81^{o} 05’ N	164^{o} 03’ W
2	49^{o} 50’ N	101^{o} 30’ E
8	27^{o} 00’ N	54^{o} 40’ E
10	28^{o} 04’ N	6^{o} 38’ E
4	54^{o} 17’ N	38^{o} 53’ W
13	38^{o} 30’ N	151^{o} 35’ W
15	15^{o} 56’ N	131^{o} 39’ E
21	13^{o} 31’ S	65^{o} 34’ E
22	10^{o} 45’ S	7^{o} 15’ W
12	19^{o} 15’ N	69^{o} 40’ W
19	13^{o} 30’ N	113^{o} 15’ W
14	10^{o} 00’ N	173^{o} 45’ E
27	20^{o} 10’ S	109^{o} 10’ E
28	38^{o} 30’ S	28^{o} 12’ E
23	16^{o} 25’ S	49^{o} 10’ W
30	27^{o} 13’ S	124^{o} 30 W
32	29^{o} 00’ S	172o 40’ W
33	54^{o} 50’ S	140^{o} 10’ E
38	79^{o} 45’ S	13^{o} 08’ E
36	50^{o} 00’ S	78o 25’ W

- - - -

1-4	2540	22-23	2464
1-13	2510	22-28	2524
2-8	2536	12-19	2526
2-15	2502	12-23	2458
8-10	2539	19-30	2529
8-21	2513	14-32	2469
10-4	2521	27-33	2509
10-22	2465	28-38	2500
4-12	2530	23-36	2461
13-19	2525	30-32	2534
13-14	2526	30-36	2501
15-14	2483	32-33	2542
15-27	2539	33-38	2522
21-27	2528	36-38	2481

11. THE ATLANTIS SHIFT

Having established the position of the Tetrahedron within the Planetary Matrix it became apparent that a tetrahedron is only half of a compound figure that represents fire, or the Sun energy. The Sun is usually represented by a hexagram (or more correctly three hexagrams = 666), but this is only two-dimensional. In three dimensions it is a MERKABA, two tetrahedrons, one point upwards and one point downwards, the two then being compressed into each other (figures 32a.b.c)

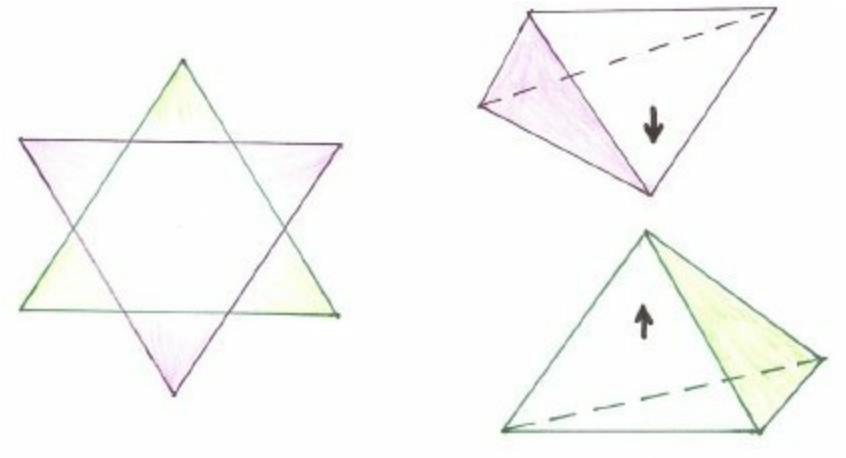
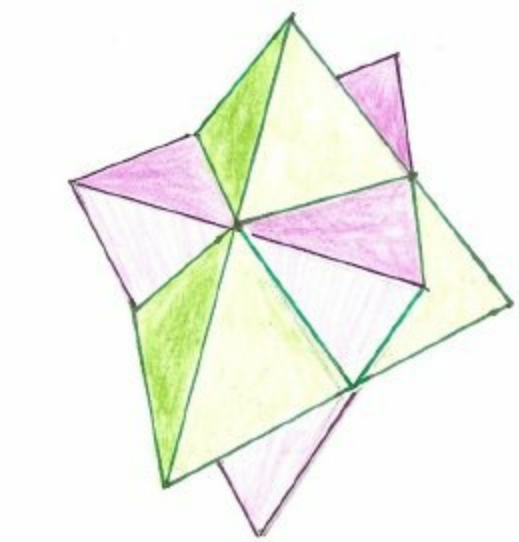


FIGURE 32

(a) Hexagram – two dimensional (b) Three – dimensional tetrahedra



(c) Merkaba – compound three –dimensional tetrahedra

The word merkaba (MER-KA-BA) contains two ancient Egyptian components: KA is Spirit, BA is Soul. The figure therefore, besides representing the fire principle, also represents the combining of Spirit and Soul, as in the Human organism.

Of the five Platonic solids, four are fairly uniform in shape, whereas the tetrahedron can be turned upside-down and compressed into its companion to form a more compound shape. This brings us to the question as to whether the Platonic solid psychic crystals have always been in one position within the Earth in relation to the continental land masses. Archaeologists date many ancient structures, Egyptian pyramids, European stone circles, standing stones, hill forts etc. to not more than about 3000 BC. But this dating is usually arrived at by circumstantial evidence. Carbon 14 dating the contents of so-called burial mounds rather than the stone and earth forming the mounds themselves for example. It is thought by some researchers into geomancy that some of these supposedly ‘neolithic’ structures go back some 12,000 years or more. If this seems untenable to Academics then we should consider the case of the Indus Valley civilization.

The last Ice Age finaly receded about 12,000 BC. As the ice sheets melted sea levels began to rise. In 2002 Dr. Badrinarayan was part of a marine exploration carrying out research off the west coast of India, twenty-five miles out from Gujarat. A sonar survey was being undertaken of the sea bed

by a team from India's 'National Institute of Ocean Technology' (NIOT) in the region of the Gulf of Khambhat. The sonar equipment picked up the clear shape of the remains of a city on the sea bed. The outline of buildings and roads was clearly visible. The remains of a second settlement was then found a few miles away. It is likely that these submerged cities were part of the Indus Valley or 'Harappa' Civilization. Many of the Harappa city sites discovered on land along the Indus Valley had originally been dated to about 2500 BC.

Because of strong tides in the Gulf of Khambhat diving onto the underwater sites was considered to be too dangerous so the team used an underwater 'grab' which was lowered onto the sites in several places. Although considered by Marine Archaeologists to be a rather crude method to use the NIOT team's grab brought up all sorts of artefacts such as pottery, carved wood, beads, human bones and a stone slab carved with marks that may be the earliest form of writing in the World. Carbon 14 dating of some of the objects found has shown that they may be as much as 9,500 years old. At that time, since the last Ice Age, sea levels would have been rising but these settlements would still have been on dry land. They are now under 120 feet of water. The settlements were in fact cities, each of which would have covered several square miles. The last Ice Age actually reached its peak about 18,000 years ago, finally receding after 12,000 years ago. Sea levels have risen about four hundred feet since the peak of the last Ice Age. The state of some of the artefacts brought up from the Gulf of Khambhat suggests that the two cities came to a sudden end. Was there a violent earthquake that altered the level of the land, causing a sudden inundation of the sea?

When the Indian researchers sent the sea-bed samples for carbon-14 dating they were expecting dates of about 4,500 years, making the two cities of a similar age to others in the Indus Valley. The dating of 9,500 years ago astounded Archaeologists Worldwide. Dr. Sasiseka of the Indian National Science Academy has suggested that Archaeologists might have to rethink the chronology of ancient civilizations. Dr. Chris Scarre of Cambridge University, whose book *Ancient Civilisations* is a standard textbook on archaeology, has stated that if the age of the above cities is confirmed it would mean a complete revision of how complex societies evolved.

Although not directly related to the study of the Planetary Matrix, over the last century many soapstone seals, clay tablets, pieces of stone and pottery fragments excavated from Harappa sites have revealed an early form of writing contemporaneous with that of Sumer, and dating back to 2500 BC. to 3000 BC. These fragments have been found at the main Indus Valley sites of Harappa, Mohenjo-Daro and Dholavira, but more finds are emerging from the sites of scores of minor settlements In the Indus Valley, settlements that were probably dependent upon these three big cities, one of which probably had a population of 45,000. The area we are looking at is huge; as large as Western Europe. To date (September 2007) as no Indian equivalent of a 'Rossetta-Stone' has been found the Harappa script has defied translation and interpretation. However, with the clues that have now come to light many Indian scholars are now coming to accept that the Harappan script is an early form of Sanskrit, not Dravidian as first thought. If this proves to be correct, then it is likely that The Indus Valley was the original home of the Indo-European or Aryan peoples, not South-Central Asia, from the Caucasus to Afghanistan, as first thought.

If many ancient structures around the World are so ancient that they existed before the destruction of Atlantis then the position of some of these structures on the edge lines of the Platonic solids within the Earth, as projected onto the surface of the Earth, was such that these edge lines, as seen today, are likely to be substantially in their original position. At this point it should be stated that this Author accepts the evidence of Plato and many ancient mythologies from around the World that place Atlantis as a group of large islands in the middle of the Atlantic Ocean, straddling the Mid-Atlantic Ridge. The Santorini argument is a spurious diversion by Academics who wish to demolish the Atlantic location, despite the statement by Plato in *Timaeus* that Atlantis was situated **beyond** the 'Pillars of Herakles'. To the ancient Greeks the Pillars of Herakles were at the far western end of the Mediterranean Sea; they were the Rock of Gibralta and its counterpart opposite in Morocco.

This brings us to consider whether, in Atlantean times, there was another tetrahedron within the Earth, a companion to the present day tetrahedron that forms the composite figure known in Mysticism as the MERKABA. With the cataclysm that destroyed Atlantis did the power that energised the old tetrahedron flip over to then energise the tetrahedron that is currently

empowering the Planet, leaving the old tetrahedron as a dark shadow of itself?

There is now a need to test our double-tetrahedron theory. We therefore need to construct the second tetrahedron within the first and see if its lines or Apexes pick up any significant locations on the surface of the Earth. Looking at Table No. 1 it will be seen that the apexes of the first tetrahedron coincide with those of four of the eight apexes of the cube. The apexes of the shadow tetrahedron therefore coincide with the remaining four cube apexes and are therefore (2), (19), (22) and (33) in figure 33a. See also figures 33b & 33c.

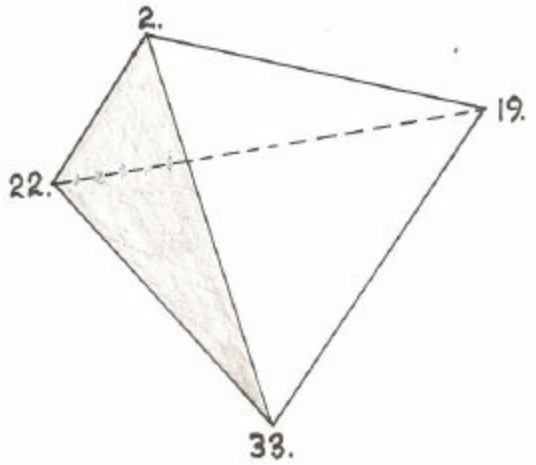


FIGURE 33 (a)

The co-ordinates for these apexes are given in Appendix No. 5, under ‘Hexahedron (Cube)’

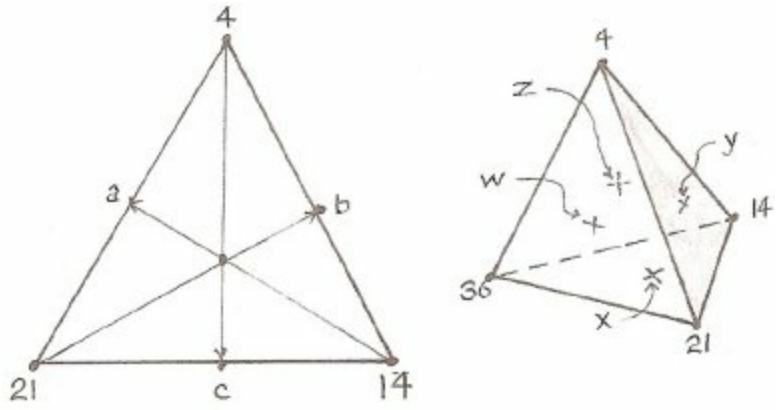


FIGURE 33 (b) & (c)

Figure 33a represents the second inverted tetrahedron. The centre of each

face of the first tetrahedron is the apex of the second tetrahedron. To find this centre we could graphically, as in figure 33b, bisect each of the three angles of each face (we have taken the 'Eurasian' face 4-14-21 as our example) and project the centre lines from such to meet the opposite side mid-point. Hence angle 14 bisected, a line from which meets line 4-21 at point 'a'. Lines from all three bisected angles would then cross each other in the centre of the figure at point 'y'. Figure 33c shows the first tetrahedron with the centres of each face designated 'w,x,y,z' which are the apexes of the second tetrahedron. We know the location of the apexes of the second tetrahedron because, as stated above, they are the same as apexes '2,19,22,33' of the cube. The co-ordinates for these apexes will be found in Appendix No. 5.

With reference to Plan No. 1 we will now look further into the structure of the 'triangle' (4-21-14). We say 'triangle' in quotation marks because what we really have is a structure on the curved surface of the Earth, where the internal angles are misleading, unless the structure is projected back onto the actual flat face of the tetrahedron. The diagram in figure 34a illustrates:-

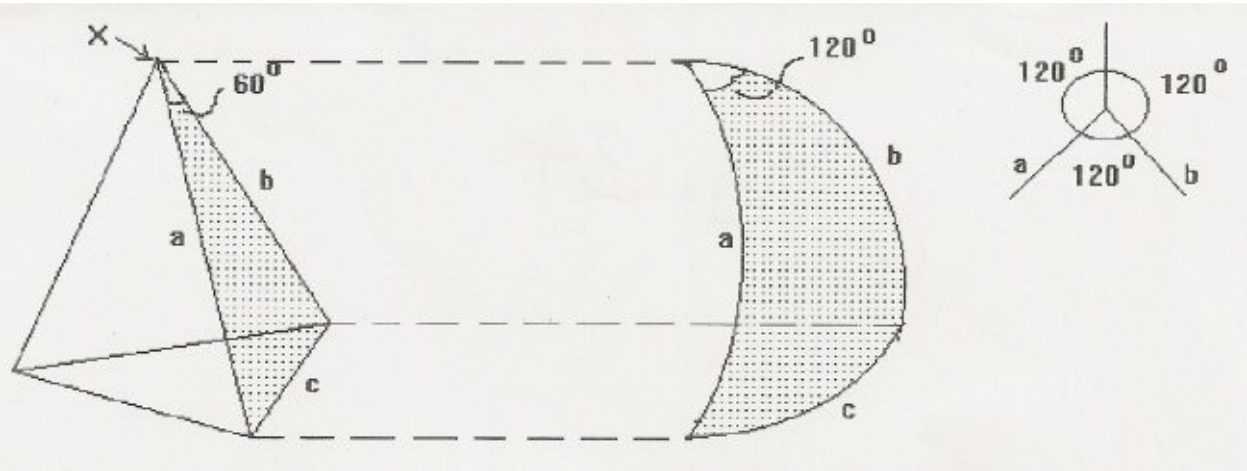


FIGURE 34 (a)

Hence 60^o on a flat surface becomes 120^o when projected onto the surface of a sphere, where apex 'x' has three lines projecting from it that divide 360^o into three equal angles of 120^o each.

The result of our exercise is that we have a compound face for Eurasia as shown in Figure 34(b)

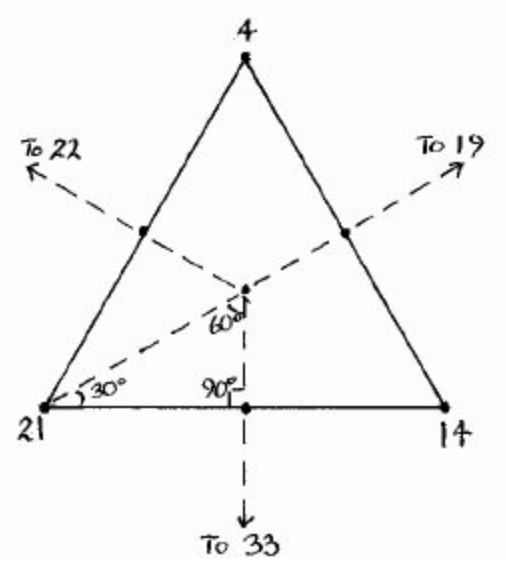


FIGURE 34 (b)

4-21-14 = Apexes of the first tetrahedron

(2) = apex of the second tetrahedron

19-22-33 = towards apexes of the second tetrahedron, outside our figure.

One face of the first tetrahedron was then taken to be explored further. It was decided to choose a face (4 – 21 - 14) that would encapsulate much of Europe and the British Isles, as this presented me with a situation for easy access for facts and data for this part of the Planet that would help to determine what the detailed structure (if any) of the Planetary power-lines is. Readers living in other parts of the World would be welcome to do a similar study and see if they came to the same conclusions. Plan No. 1 shows tetrahedron face 4-14-21 plotted against a background of coastlines of land areas in Eurasia. Point (2) in the centre of the triangle on Plan No. 1 is an apex of the ‘shadow’ tetrahedron. Plan No. 2 shows a segment, 2-4-9, of face 4-14-21 where apexes (4) and (9) are from the first tetrahedron and apex (2) is from the second.

We will now look at how the major edge lines between the Apexes of the second ‘shadow’ tetrahedron lie on the Earth‘s surface, and what places they pass through, to see if such are significant in terms of ancient sites of sacred reverence. It is interesting to note that the mid points of these lines are also apexes of the first tetrahedron. For example, the midpoint of line (2) to (22) is apex (9), which is the Great Pyramid.

(2) to (22)

North-east through the South Atlantic Ocean to pass into Africa at Lome thence to Kano, both places being in Nigeria. Thence across the Sahara Desert (much of which was the site of a thriving civilisation in ancient times) to (9) (Great Pyramid). The line then passes north-east to clip the south-east corner of the Mediterranean passing into Israel north-west of Jerusalem, thence through Damascus, across Kurdistan, north-west and close to Bakl on the Caspian Sea, then through Kazahkstan and eastwards to (2) in Mongolia.

(19) to (22)

North-west across the South Atlantic Ocean to pass along the northern edge Of Brazil, thence through the Guyana Highlands (18), across the northern extremity of the Andes, passing close to or through Medellin, Columbia (‘Capital’ of the Columbian drug barons). It then passes into the Pacific, through the island of Coiba off the southern coast of Panama, thence across the pacific to (19).

(22) to (33)

Southwards across the South Atlantic Ocean, skirting the eastern edge of the Sandwich Islands, through (35), then cutting across the frozen wastes of Antarctica to emerge into the Southern Ocean and terminating at (33).

(2) to (33)

North-west across the Southern Ocean, passing close to or through Flinders Island, between the Australian mainland and Tasmania, entering Australia at Wilson’s Promontory, inland to pass Alice Springs to the west, through the Tanami Desert (another wasteland) and leaving the north Australian coast along the eastern edge of Joseph Bonaparte Gulf, through the Indonesian Islands at (20). The line then travels northwards past the western edge of the Philipines, across the South China Sea and into China to the east of Hong Kong, passing to the west of Wuhan, through the Gobi Desert, Mongolia (another wasteland that was once the centre of a flourishing civilisation), and thence to (2).

(2) to (19)

North-east and eastwards through Eastern Siberia passing near, or through, Ulan Ude, Yakutsk, then across the Bearing Straight into Alaska, south-east past Mount Denison (6), then south-east and south-south-east through the

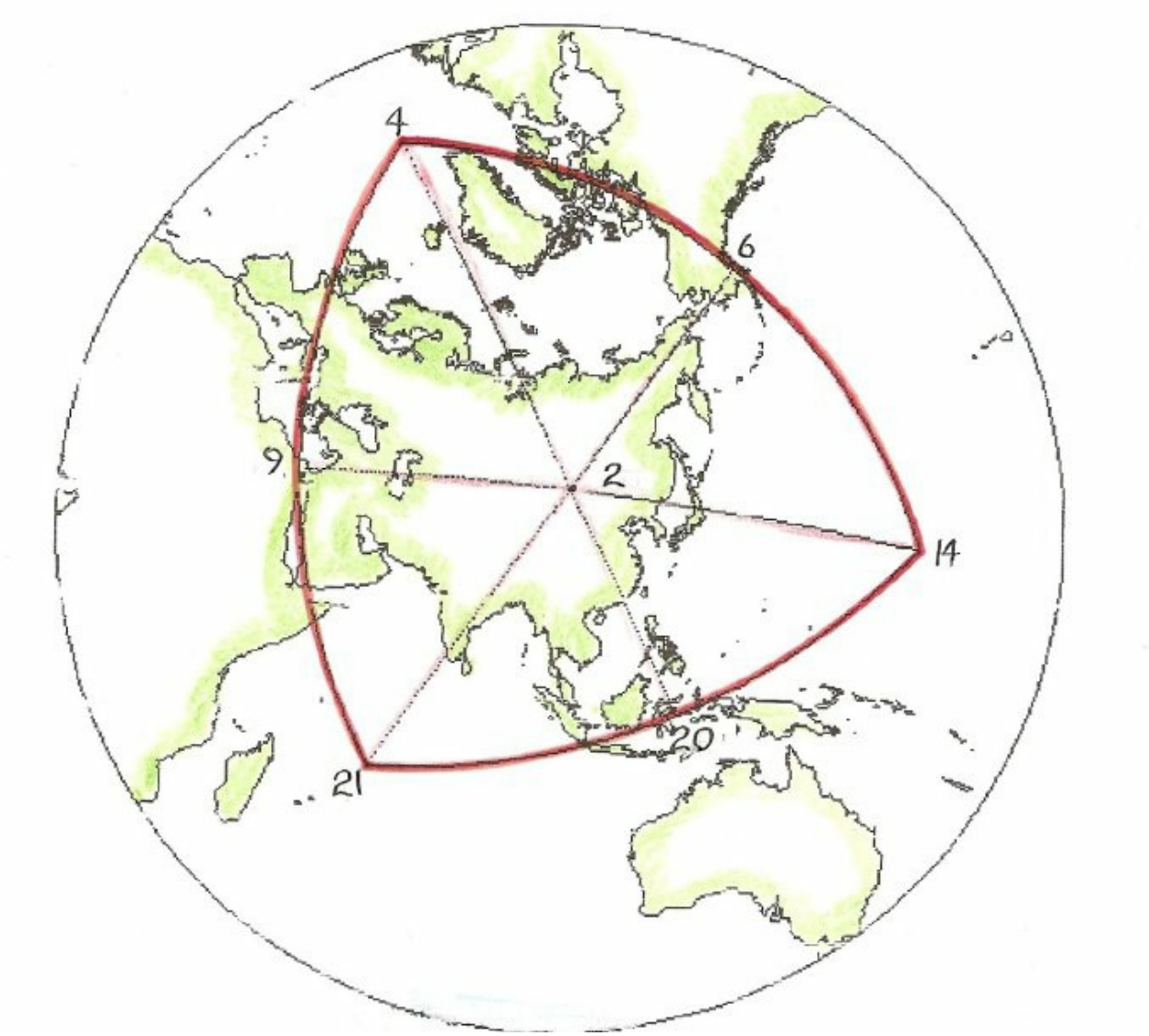
Northern Pacific near the western seaboard of the U.S.A. and Mexico, ending at (19).

(19) to (33)

South west across the Southern Pacific passing through Mururoa and Rapa (31) in Polynesia, ending in the Southern Ocean at (33).

What is significant about the second tetrahedron is that whereas the edge-lines of the first pass through many areas of historical or current flourishing cultures, those of the second pass through many areas that are devoid of life. When Atlantis was destroyed was it also the case that telluric shock waves, climatic changes and changes to the Earth‘s magnetic energy signature here destroyed all human settlements on the edge-lines of the second tetrahedron?

PLAN No. 1



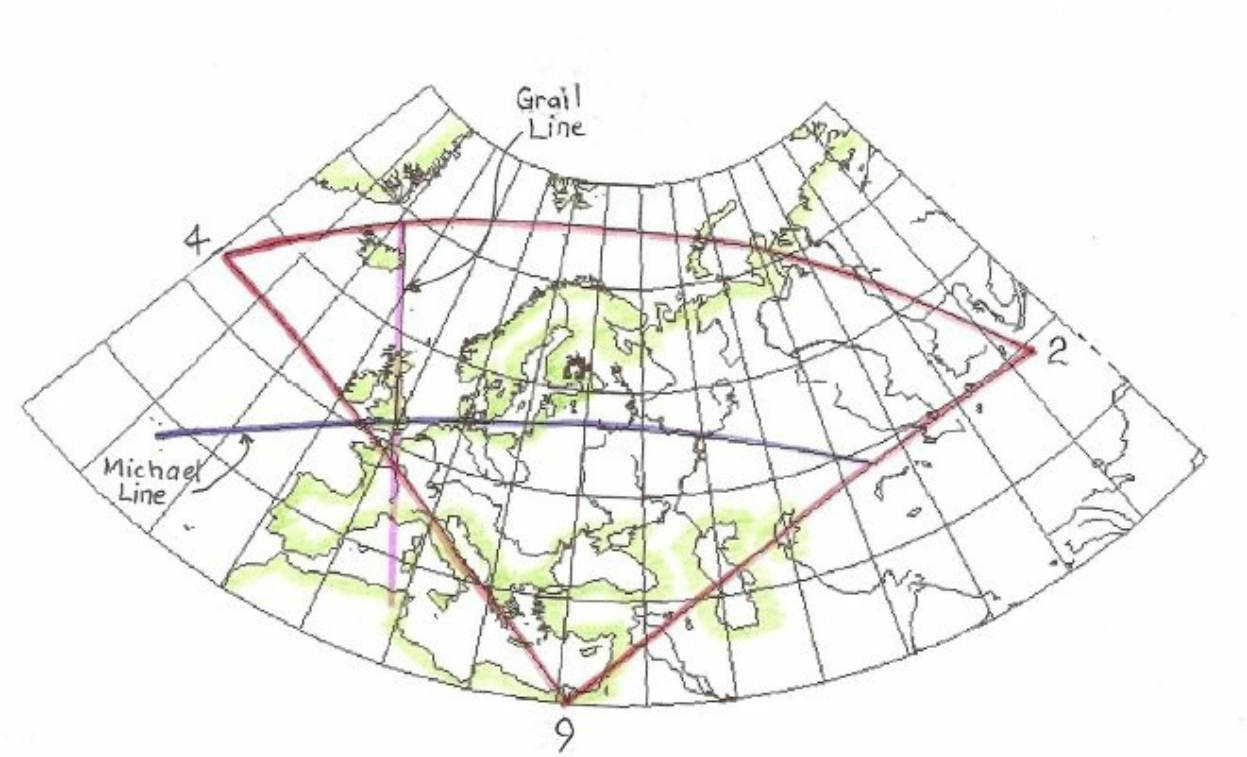
EURASIAN TRIANGLE

Projection: Stereographic

It is noticed that our equilateral triangle (Figure 34(b)) is divided up into six right-angled triangles of 30, 60, and 90 degrees each. At this juncture we could speculate as to what the actual structure of the secondary, tertiary or quaternary framework conforms to. Does it conform mathematically to the primary structure or is it independant of it? The problem with the above exercise is that it covers too large a geographical area. The next chapter will examine in detail a number of lines of a lower order within Europe and the

British Isles.

PLAN No. 2



EURASIA TRIANGLE

Projection: Equidistant Conic

12. SECONDARY AND TERTIARY LINES IN EUROPE

We will now look at the Planetary Grid, as calculated in the previous Chapters, and apply it to various locations on the Earth, at different scales (World, Eurasia, Europe, England and Wales).

Ithel Colquhoun, in her book *The Living Stones* [14], states:

> 'The life of a region depends ultimately on its geological substratum, for this sets up a chain reaction which passes, determining their character in turn through its streams and wells, its vegetation and animal life, that feeds on this and finally through the type of human being attracted to live there. In a profound sense also the structure of its rocks gives rise to the psychic life of the land.'

In our study all lines of all five Platonic solids were plotted onto the surface of a globe of the Earth. This was the only way that the surface relationships of all solids would be clearly seen as as most map projections would show as straight lines over the surface of the earth as curves on a flat paper plan. The resultant 'map-based' figures would be so distorted that it would be difficult to make sense of their interrelationships.

Plan No. 3 shows the pentagonal face of Eurasia. Even at this scale the reader will notice the distortion in the shape of the pentagon (show edged in purple). In the plan however it will be seen clearly how four of the five element lines pass through, or have their Apexes upon, the Great Pyramid. This is shown more clearly in figure No. 35.

Plan No. 4 shows the western part of the Eurasian pentagonal face over Europe. Here we have to accept that Man, in tapping into the energies of the Primary Leyline Network, has created secondary and tertiary networks using geological and topographical features, and by constructing his own energy-transmitters such as stone circles, standing stones, 'burial' mounds and so on. Sometimes these lines form quite distinct patterns in the landscape, what some geomancers have dubbed 'Landscape Temples'. Making a detailed

study of Europe, the greatest landscape temple discovered was that based upon Chartres, in France. We will study this in detail later on.

If we examine the lines of the four elements that pass through Europe we find the following:-

ICOSAHEDRON (Water): This has an apex (3) centred on the North Russian town of Petrozavodsk. Line 3 - 11 passes through, or very close to, the following places – Helsinki, Arhus (Denmark), Colchester, Chichester, and Brest. Line 3 - 17 passes through Giza at apex (9).

OCTAHEDRON (Air): Line 6 to 9 passes southwards through Icosahedron apex 3, then runs south jointly with Icosahedron Line 3 – 17 until the joint lines reach apex (9) at Giza, after which it passes southwards into the Africa Pentagon to apex 35, as Line 9-35. Lines 9 – 18 and 9 – 20 form the bottom edge of the Eurasian Pentagon, meeting at Giza at 9.

TETRAHEDRON (Fire): Line 4 to 21 passes north-west to south-east through Largin Castle, a multiple ring and ditch earthworks in Cornwall, Cherbourg, Caen, Chartres, Auxerr, Lausanne, Milan, Parma, Bari, Tripoli (Greece), the site of Knossos (Crete), Alexandria, Giza (9), and thence along the norh-eastern coast of the Red Sea to ‘Lion’ in the north-west Indian Ocean.

DODECAHEDRON (Ether): Line 4-10 passes through Oran, Algeria.

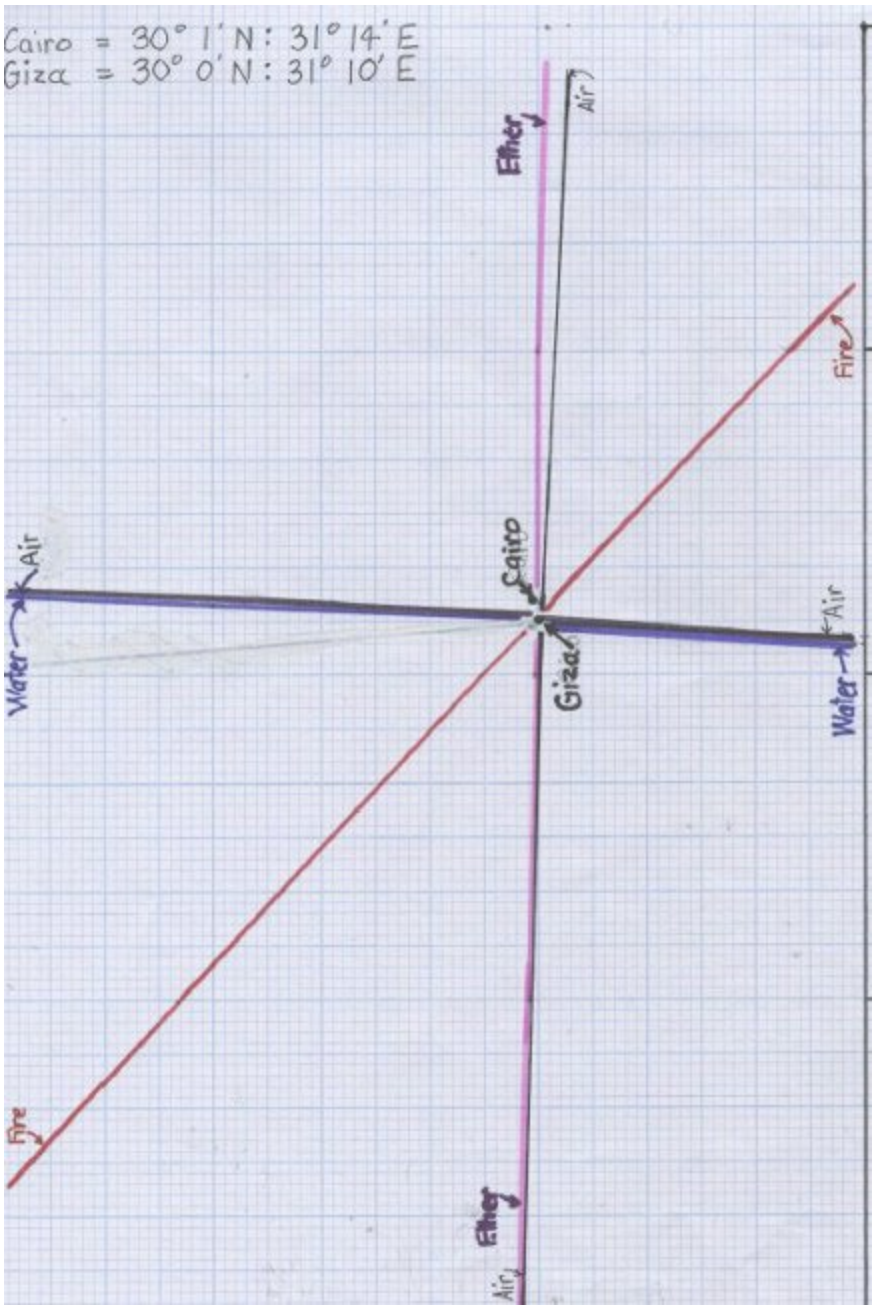
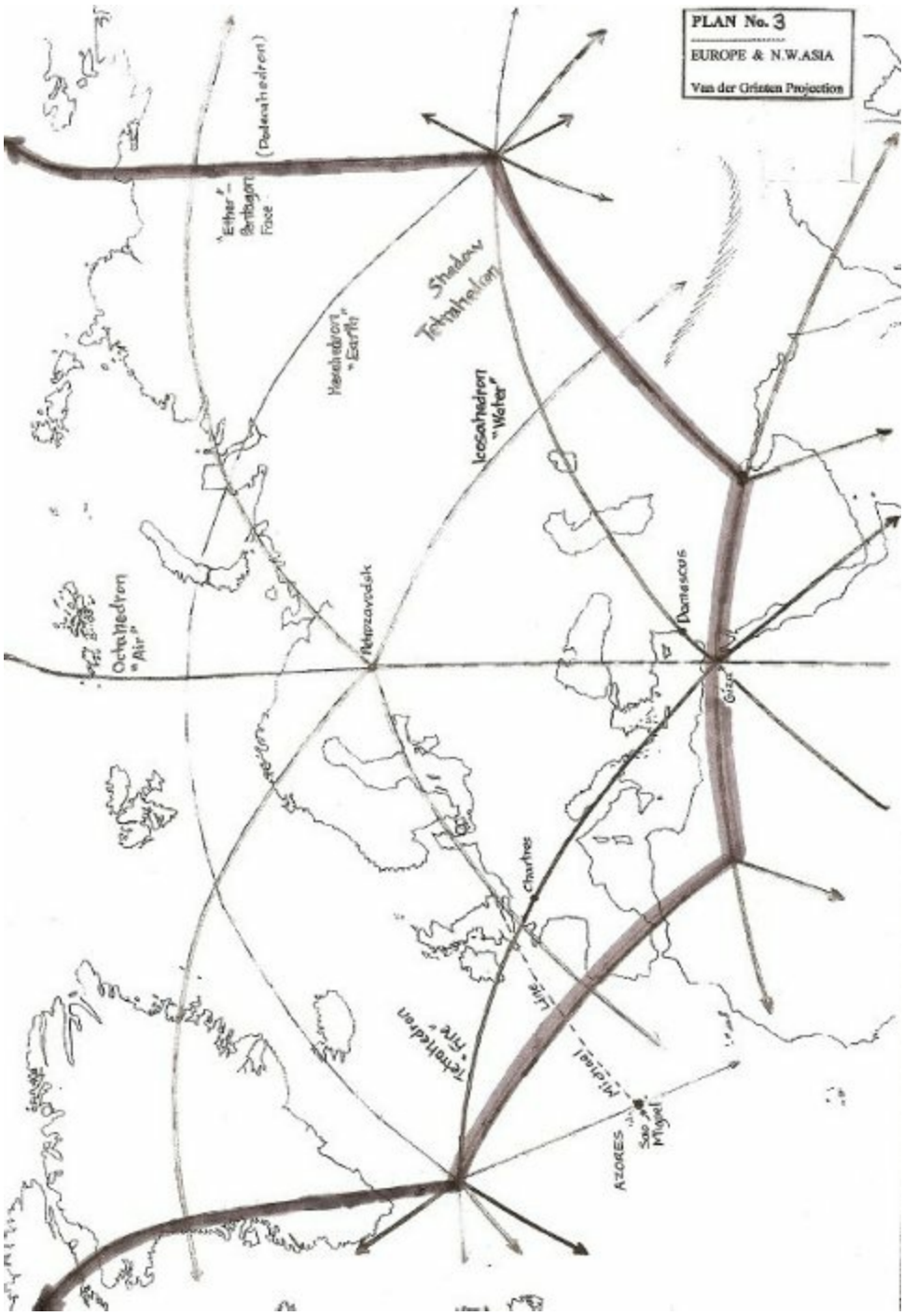


FIGURE 35.

PRIMARY GRID LINES THROUGH GIZA



CHARTRES.

In carrying out the above studies it became increasingly evident that Chartres is the dominant power centre or Earth-chakra of the whole of Western Europe. The Tetrahedron Line 4-21 passes through it. Lines also came from Chartres to Carnac, Avebury and Paris -Berlin. Was there a geometric pattern

based upon alignments to or through Chartres? Geometric figures were drawn onto sheets of tracing paper with lines from their centres to their apexes. The figures were a series of three-sided to nine-sided forms. These were then laid over alignment maps of France and Europe centred upon Chartres. Allowing for an alignment error of plus or minus one degree, different alignment relationships appeared to pick up the internal angles of the five, six, seven, eight and nine-sided figures. At this juncture it is interesting to note that if a seven-pointed star is constructed within the circumference of the Earth then the circle contained within its inner space is nearly that of the circumference of the solid core of the Earth. The inner angle of the star, at 51^0 28', is nearly that of the angle of slope of the Great pyramid at 51^0 51'. Is Chartres a compound geometric landscape temple? If so, which lines are missing? How large is this temple; were we looking at a width of tens or hundreds of miles?

Our next step was to study maps of France and Europe and see if we could find missing alignments through Chartres. Many capital and major cities in Europe had their alignments checked, which were then plotted on the map of Europe. We ended up with nearly twenty lines. The tracing overlays of the various figures were placed over Chartres, one by one, and it was found that the hexagram star picked up six lines! The other figures picked up insufficient lines to be able to justify their credibility. In moving the hexagram 30° it became apparent that there was another hexagram that picked up other important sites. In other words there was a twelve-pointed star based upon Chartres. Lines running beyond this second hexagram, but in alignment with the 'spokes' of such, also aligned with major cities. To find the size of the Chartres landscape temple compasses were used on a plan of Europe and it came to light that, at a certain circumference, a number of cities lay, within a reasonable margin of error, equidistant from Chartres. Others lay upon the circumference ring but between two of the twelve star-lines. Plymouth, Gloucester, Norwich, Leiden, Bonn, Strasbourg, Basel, Lausanne, Cahors, Bordeaux and Brest. A number of these were actually on lines from Chartres. From these the twelve-pointed star could be constructed. In the case of four apexes where there were no major cities, we nevertheless had lines passing through to major cities further out: Berlin, Tunis, Barcelona and Madrid. In one case where there was an apex terminus, Strasbourg, the projected line extended out to Vienna (refer to plans 4 & 5).

When we then looked at the number of important locations on each of the twelve lines the result was even more remarkable. Numbering the lines clock-wise, A-L, we find the following:

Line	A	Chartres to Dover – Felixstowe – Norwich.
‘’	B	‘’ Ghent – (extended to) – Amsterdam.
‘’	C	‘’ Paris – (extended to) – Göttingen – Berlin
‘’	D	‘’ Strasbourg (extended to) – Linz – Vienna – Bratislava.
‘’	E	‘’ Auxerre – Lausanne – (extended to) – Milan – Parma – Bari – Tripoli, Greece – Knossos (site of) – Alexandria – Giza.
‘’	F	‘’ (extended to) – Toulon – Carthage (site of).
‘’	G	‘’ (extended to) – Barcelona.
”	H	“ Tours – (extended to) – San Sebastian - Madrid – Rabat (Morocco).
‘’	I	‘’ Le Mans – Nantes.
‘’	J	‘’ (no significant place identified).
‘’	K	‘’ Caen – Cherbourg – Plymouth.
‘’	L	‘’ Portsmouth – Avebury – Gloucester (extended to) – Eastnor – Belfast.

Photograph copyright © Roy Snelling - 2004

FIGURE 36

SOUTH - WEST FRONT - CHARTRES CATHEDRAL

It is remarkable that this Chartres figure picks up so many important sites,

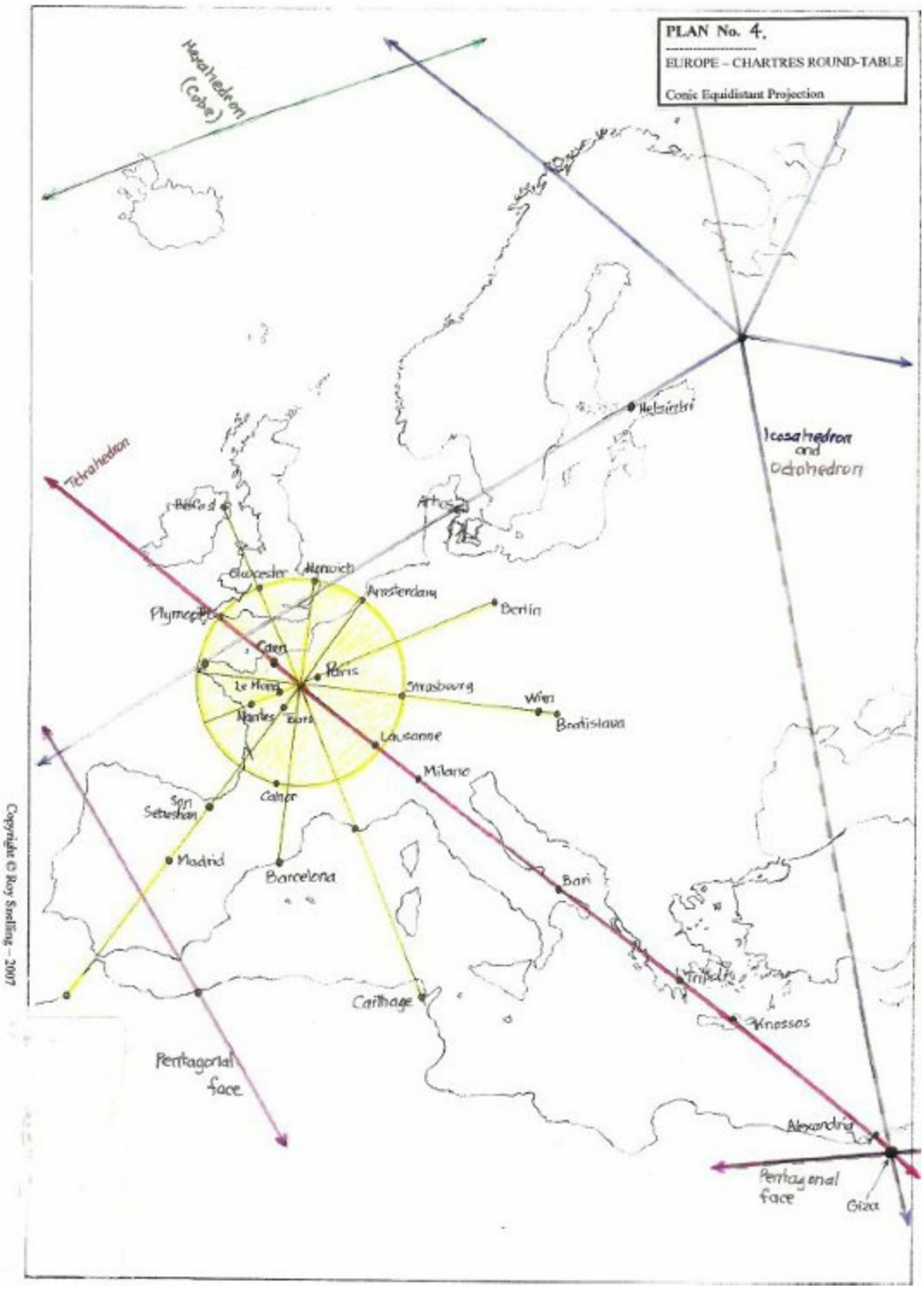
particularly as four of them are National capitals of countries that were to play a major role in shaping Europe's history over the last thousand years. It would seem that, centred upon Chartres, we have an Arthurian Round Table, with its twelve knights in different parts of Western Europe. Or we have the Round Table of the Cosmic or Solar Christ, with his twelve Cosmic Masters, centred upon Chartres! Or we might even have a giant European Zodiac. What animals are located at Plymouth, Gloucester and Norwich? It is significant that Chartres Cathedral, which is on the primary distributor Tetrahedron "Giza" Line, is dedicated to "Notre Dame", Our Lady, or in other words Mary or Maria. The word Maria is derived from "Ma-ia" or "Ma-Ea". Ma (pronounced "Mah ") is the Cosmic universal feminine energy; Ea (pronounced "Eh-ah ") is the Earth. So Maea is the feminine Earth or Earth-Mother. Some Authorities state that the name should be Maia after the Earth Goddess of the Ancient Greeks (Mother of the seven Pleiades) and also the name Maya of the ancient Meso-American peoples.

Chartres, specifically the site of the present Cathedral, was a Holy place for the Celts of Ancient Gaul long before the Roman conquest of Gaul. Sacred and religious use of the site probably goes back nearly 3,000 years. Under the Crypt of the present Cathedral there is an Under-Crypt that is the remains of a Celtic Temple. It is believed that the Celtic Temple was dedicated to the Earth-Mother, in the form of a young woman who was about to give birth. It is also believed that the Druids at Chartres would have had a statue of a Black Earth-Mother at this site as a focus for veneration and worship. With the Roman occupation the Temple was used by officers in the Roman Army for the practising of the rituals of the Cult of Mithraism.

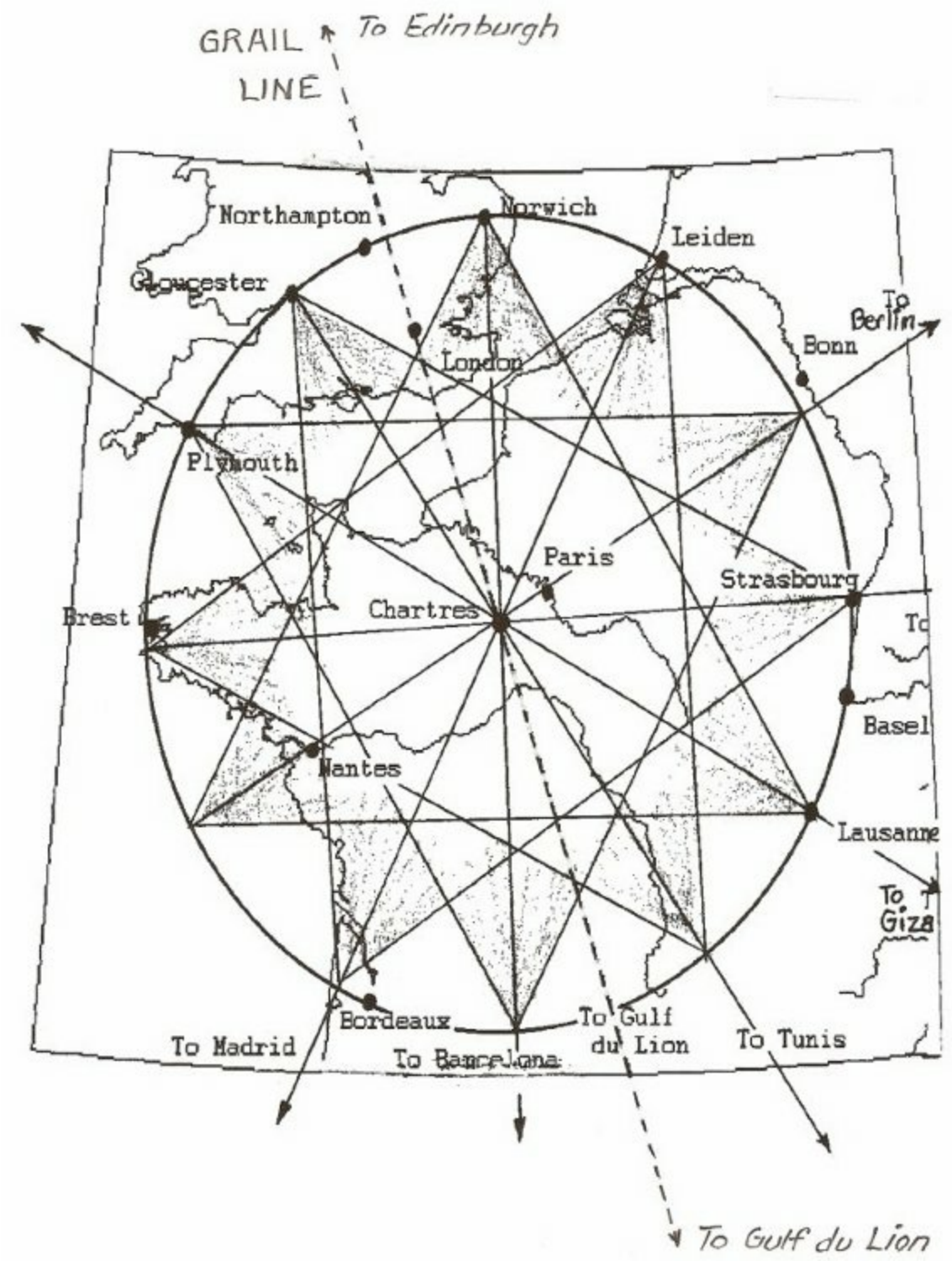
The first Christian use of the site goes back to the 6th. Century when there was an altar dedicated to Mary, Mother of Jesus (**not** of the Christos!). Since the middle of the 8th. Century the Cathedral Church has been wholly or partially destroyed and rebuilt on a number of occasions. The medieval stone-masons guilds of Europe are thought to have possesed certain secrets of geomancy, such as the Golden Rectangle, which they used in the design and construction of many churches and cathedrals. It is possible that these secrets were passed to them by the Knights Templar. The Knights Templar almost certainly had a hand in the design of the most important Marian cathedral in Europe. Chartres is dedicated to 'Notre Dame'. Keith Crithlow, in an article

entitled ‘Introductory notes on a Theory of Proportion in Architecture with particular reference to Glastonbury Abbey’, an article which appeared in a publication by RILKO entitled *Glastonbury – A Study in Patterns*[7], states:

> ‘…It has been well known that there was a Neo Platonic School under the mastership of one Abbot Thierry at Chartres about the time of the building of that [Chartres] cathedral. It is therefore quite conceivable that there was extensive mathematical activity over generations which must have (a) carried along an inherited tradition, the oral part of which we know little, and (b) been in three dimensions as laid out in the Timaeus (Plato), which was directed at the understanding of universal phenomena…’


PLAN No. 4.
EUROPE – CHARTRES ROUND-TABLE
Conic Equidistant Projection
Hexahedron (Cube)
Tetrahedron
Icosahedron and Octohedron
Helsinki
Glasgow
Glocester
Norwich
Amsterdam
Berlin
Caen
Paris
Le Mans
Strasbourg
Wien
Nantes
Bratislava
Lausanne
Milano
Cahor
San Sebastian
Madrid
Barcelona
Bari
Tripoli
Carthage
Knossos
Pentagonal face
Alexandria
Pentagonal face
Giza
Copyright © Roy Stedfang – 2007

PLAN No. 5



CHARTRES ROUND TABLE

This beautiful Cathedral of Chartres almost certainly contains the Golden Rectangle in its design. It also contains many other aspects of spiritual

symbolism worth studying, such as the labyrinth on the nave floor, the rose-window over the west-portal, The Black Madonna in the North Gallery of the Crypt, the tympanum of the West (Royal) Portal showing Christ enthroned within a Vesica-Piscis surrounded by the Four Holy Creatures or Seraphim (Eagle, Bull, Lion, Human).

FIGURE 37

In respect of the labyrinth on the floor of the nave (figure No. 37) it is interesting that this medieval cathedral has taken into its floor plan a design or symbol that is very ancient and was found in various parts of Europe in pre-Christian ‘pagan’ times. Critchlow, Carroll and Vaughan-Lee, in an occaisional paper published by RILKO [17] have postulated that the Chartres ‘Maze’ (labyrinth) contains hidden symbolism that represents various fundamental laws of the Cosmos. In that paper, which deals mainly with the properties of the labyrinth, they also make the point that there are various Divine proportions and symbolism in the whole building.

Friend Frances Brown with Tintagel Labyrinths-

FIGURE 38(a)

One of the Tintagel Labyrinths

FIGURE 38(b)

In the Island of Crete the labyrinth that was constructed at the ancient Minoan capital of Knossoss (present day Heraklion) for the use of the mythical ‘Bull of Minos’ goes back to between 1200 to 1400BC. Labyrinths, laid out on the ground or carved in rock faces, can be found in various parts of Europe and the Mediterranean. The carvings at Rocky Valley, near Tintagel, Cornwall, England, have been dated to the early Bronze-Age, within the period 1400 to 1800BC (figures 38a & 38b). Renna Shesso states that they are Lunar labyrinths.

There is a ‘Ground’ labyrinth at ‘Julians Bower‘, Lincolnshire. It is interesting to note however that not all labyrinths conform to the same pattern, to the same number of whole, half or quarter-turns in what are

essentially spirals where the pilgrim proceeds from the outside to the centre.

Critchlow, Carrol and Vaughan-Lee, in the above-mentioned paper, state that if the twelve-fold Rose-window above the South-West Portal were to be ‘hinged-down’ onto the Nave floor it would almost cover the Labyrinth, and is the same size as such. It is noted that the beautiful composite Rose Window is surrounded by twelve leaded light-roundals. What is portrayed in each of these roundels? Could they relate to the twelve zodiac signs?

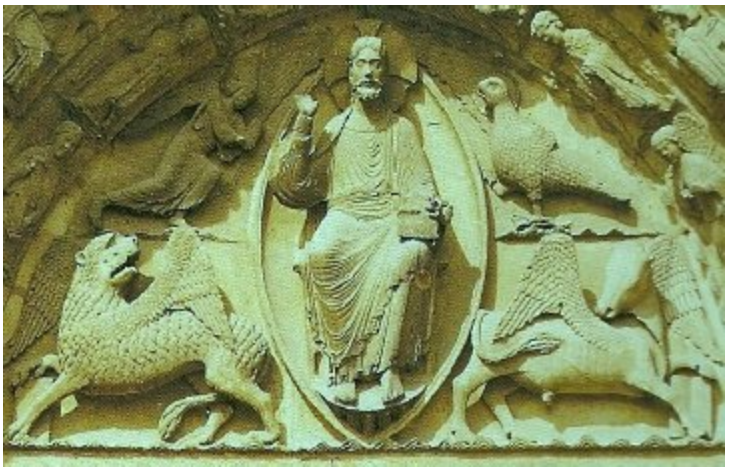


FIGURE 39

The South-West or ‘Royal’ Portal contains, at ground level, three doors, above which are three tympana, the centre-most being the largest. The central tympanum contains a frieze of Christ Pantocrater within a vesica piscis, surrounded by representations of the four Evangelists (as human-angel, eagle, bull, lion)(figure 39). Or, the four Seraphim, or Lords of the four elements, in the centre of which is the ether or quintessence, the Solar Christ. The vesica piscis is formed from two overlapping circles, each with its centre on the circumference of the other. Two circles, representing the union of Heaven and Earth, of Male and Female, of Spiritual and matter. Of the two smaller tympana, the left has a frieze of Mary at the assumption, and the right of Mary at the nativity. On the three tympana therefore we have the union of Mary (Earth Mother or Divine Feminine, or Sophia Pistis) with the Solar Christ (Divine Light, Divine Father-Son). Let us not forget that an edge line of the Planetary Tetrahedron, a solar fire-line, passes through this Marian Cathedral.

But let us also not forget the north-western and south-eastern portals of the

Cathedral. The tympanum of the former shows the last sleep and glorification of Mary, whilst the tympanum of the southern portal shows Christ as supreme judge, with Mary and John at his side (not Peter or Paul!).

What are we to make of this remarkable building? Why is it so important in the sacred, cultural and historical life of not just France, but the whole of Western Europe? Rudolf Steiner comments upon the existence of a school of Platonists at Chartres between 1,000 and 1203 BC[18]. And then after 100 years, the influence of Aristotelean philosophy. The first represented by masters of Chartres such as Fulbertus, John of Salisbury and Alanus ab Insulis (Allan of the Isles), the second by the likes of Thomas Aquinas and Albertus Magnus. It is known that St. Paul used Aristotelian philosophy to express Christian teaching in an exoteric sense. The Gnostics used Platonic Philosophy to express the more esoteric teachings of the Christos. Yet the Church fathers condemned the latter as heretical and caste them out of the main corpus of the Church because they were unable to understand their teachings. The Body of Christ had thrown out the Blood of Christ and thereby became an empty desiccated shell! Steiner sees the New Age as ushering in a return of the Sun Blood of Arthur into the Body of the Grail. It is strange that the male in Western Society was responsible for throwing out the feminine in spirituality with the result that the Solar Christos had lost its body on Earth.

ENGLAND AND WALES

We will now examine that part of the Planetary Matrix Lines as they flow through England and Wales (refer to Plan 7).

a. Tetrahedron Line, 4-21;
b. Icosahedron Line, 3-11.
c. Chartres Round Table where it extends into England, specifically: Lines and Apexes A, K and L.
d. We will then look at an extension of the Chartres Line down to a tertiary level in Herefordshire, England, based upon an equilateral triangle formed by the three cathedrals of Hereford, Worcester and Gloucester. We have called this system: the ‘Three Choirs Triangle’.
e. Hereford Hexagram.

Later we will look at the work of other people who have discovered power

lines, Earth temples or other systems in the British landscape and see how they relate to the above

TETRAHEDRON Line

The Tetrahedron ‘fire’ line, 4-21, passes through the South-West of Ireland, past the entrance to Dingle Bay and through or close to Bantry. Crossing St. George’s Channel it then enters Cornwall. Passing through Rock, near Padstow, Wadebridge, Bodmin, Largin Castle, Mount Edgecombe, Plymouth Sound and Prawle Point. The ‘Michael’ Line (see below) crosses this line at Largin Castle. Largin Castle is a much weathered ring and ditch hillfort within Largin Wood. The latter borders upon a railway line that runs parallel to the A38, to the south of Bodmin Moor. Largin Castle is completely overgrown with trees and bushes and it is thought that it is not known to many visitors or tourists to this part of Cornwall. In September 2008 the Author went to examine Rock. It was a bright sunny day with little wind. He could not find any megalithic artefacts in the vicinity nor church of any note. Rock is a fairly quiet village strung out along the coastline of the estuary of the River Camel, opposite Padstow. There are a few facilities in the village, most orientated towards the tourist industry and the sailing community. For Rock has a harbour with numerous small sailing boats and dinghies moored or anchored nearby. There are beautiful views across the estuary towards Padstow, and also towards the mouth of the estuary and out to sea. The light in the sky at Rock is very brilliant and scintillating. The background energy was found to be ‘humming’ on a very high, pure note. Seven days later the Author was in South-East Cornwall, in that rugged peninsula between St. Germans, Rame Head, Mount Edgcumb and Tor Point. At Portwrinkle on the coast one noticed again that brilliantly clear sky and high background note. The same was true of the village of Millbrook, which lies about a mile inland within a valley. The same was also true of Rames Head, a high rocky headland surmounted by a ruined medieval chapel dedicated to St. Michael. And yet if a straight line is taken between Rock and Chartres in France then the ‘Line’ ought to pass two miles to the norh-east of Rames head through Cawsand Bay. Which brings us back to a point made earlier, that very long lines might not follow dead-straight routes but might either deviate to left and right to pick up specific topographical or geological features, or be in the nature of broad bands of energy.

ICOSAHEDRON LINE:

This line enters East Anglia at Leiston, passes close to Colchester, through South-East London, close to Chichester and thence through the Isle of Wight.

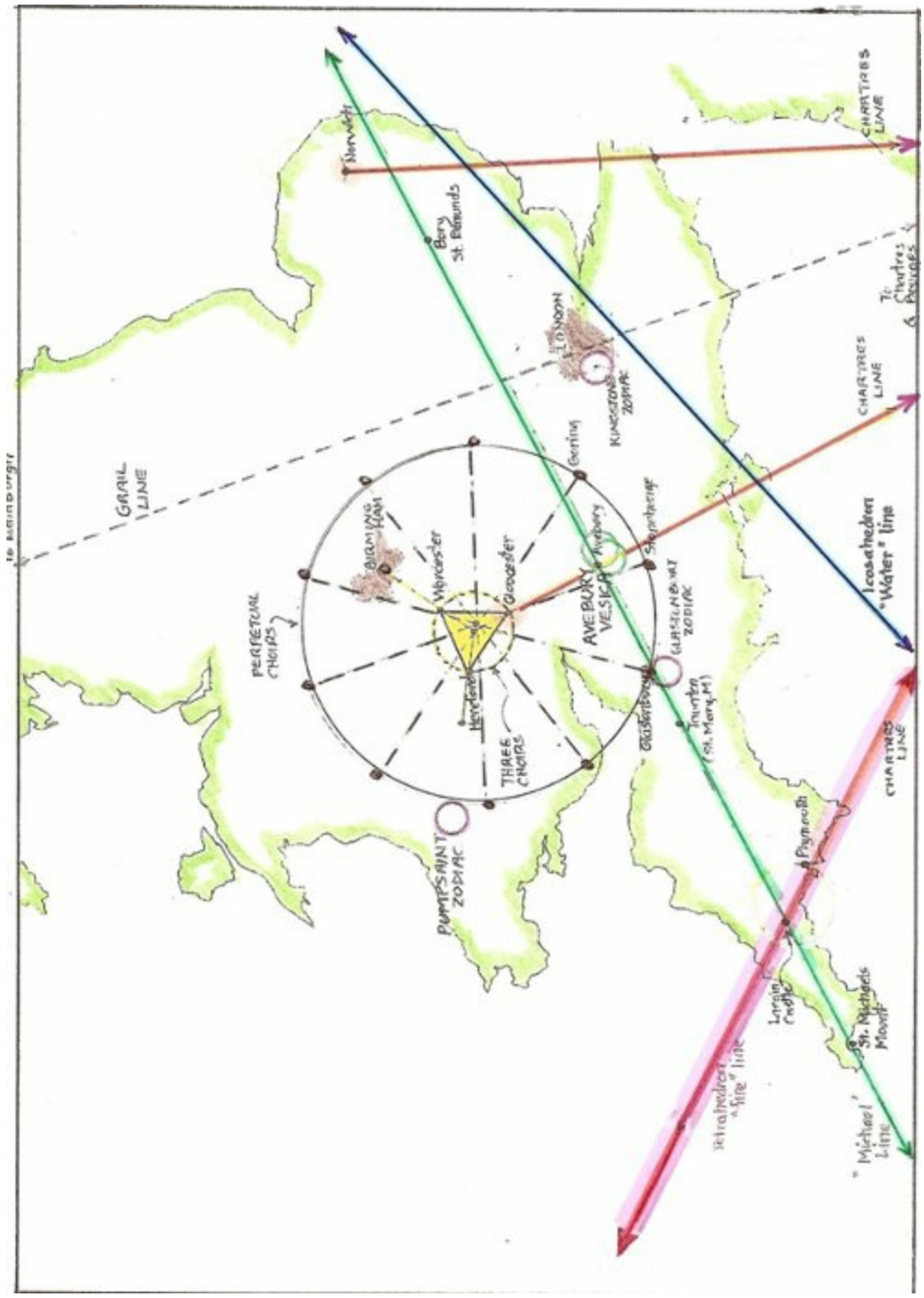
CHARTRES ROUND TABLE:

Three of the twelve lines that radiate out from Chartres enter Southern England as follows:-

Line A – passes through Dover, Harwich, terminating at Norwich (Cathedral).

Line K – Passes through Prawle Point, Salcombe, terminating near Mount Edgecombe south west of Plymouth. This line then continues as the 'Tetrahedron-Line', passing through Largin Castle etc and out into the North-West Atlantic.

Line L – Enters the Isle of Wight near Shanklin, then passes through Southampton, Avebury (Stone Circle), terminating at Gloucester (Cathedral). This line then continues as part of the 'Three Choirs Triangle', terminating at Eastnor Village, Herefordshire (see below).



THREE CHOIRS TRIANGLE:

If the line from Chartres to Gloucester (line L) is projected beyond Gloucester it reaches the small village of Eastnor in Herefordshire (figure 40). Before reaching Gloucester however it passes through the stone circle at Avebury. The Avebury Circle lies on the Michael Line, and is also the centre of several ley-lines. Does the power from the Tetrahedron Line feed Chartres,

which itself feeds a number of lines radiating out from itself, one of which feeds Avebury, Avebury then radiating Tertiary Distributors in the landscape? (See Figure No. 40.) Hereford, Worcester and Gloucester cathedrals are all built on earlier pre-Christian sites, and are all about 25 miles distance from each other. In other words, being equidistant they form an equilateral triangle. However, it was discovered, by trial and error, that it was not the edges of the triangle that formed the power lines over this part of the West Midlands but that a site in the centre governed such. Studying 1 : 150,000 scale Ordnance Survey “Landranger” maps with the use of geometry indicated that the village of Eastnor lay at the centre. Within the village was a village green in the shape of an equilateral triangle whose orientation was the exact opposite of that of the three cathedrals. Within the centre of the green was a timber, brick and stone “shrine” under a tiled roof that formed the outlet for a well or spring (which was no longer flowing in 1997).

In the summer of every third year one of the three cathedrals is host to a major cultural event known as the “Three Choirs Festival“. During this Festival there are concerts of choral and instrumental music, both old and modern. The Festival dates from the early 1720s when the choirs of the three cathedrals held their first music meetings. The name “Three Choirs Festival” actually dates from 1838. It is however known that there was a much earlier pagan festival, “The Perpetual Choirs“, based upon this area.

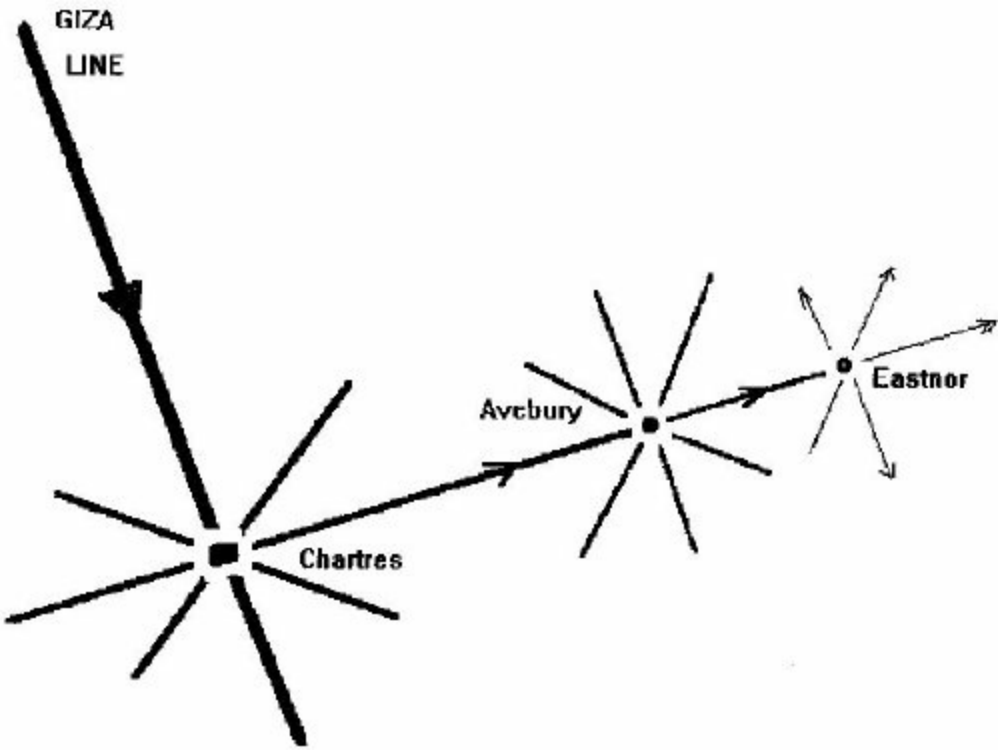


FIGURE 40.

If we project the Hereford-Eastnor Line eastwards it passes through the A438 road saddle at Holly Bush, between Midsummer Hill and Ragged Stone Hi1l, then through various significant sites into Gloucestershire to terminate at the Rollright stone circle. A projection of the Eastnor- Hereford line reaches the castle at Hay on Wye; the "Worcester" line St. Philip's Cathedral in Birmingham; the "Gloucester" line at the stone circle at Avebury, thence Chartres.

HEREFORD HEXAGRAM

Work was then concentrated on the four adjoining Landranger Maps, which not only included Eastnor and the three cathedrals, but also most of Herefordshire and Worcestershire and large parts of Gloucestershire, Gwent and Avon. Every conceivable artefact that could relate to the course of a power line was plotted (churches, standing stones, hill forts, hill spot heights etc.) including place names with significant elements that could relate to the prior existence of an artefact now lost e.g. "Mortimer's Cross". As part of this area was studied in detail by Alfred Watkins, the Author had recourse to Watkins book *The Old Straight Track* (9) to see if the latter's lines fitted the

pattern emerging, and also to see if he offered clues to solving any problems. Hill-forts, beacons and camps are often large rampart and ditch structures covering a substantial area of ground. Watkins found that “ley” lines only passed through their centre if such was a prominent high point. Often they would pass along the edge of the earthwork, sometimes terminating on an enlarged high point on the rampart near the entrance to the structure. Investigation of these high points has sometimes revealed human interments and it would seem that the earthwork, although mostly pre-Roman, has itself been built over an earlier tumulus.

We now have to consider the width of these power or “ley” lines. They are certainly not minute. Watkins, in the above-mentioned book, (pp. 37-39) refers to investigation of the ground where leys were supposed to pass over, and in some instances paths or trenches of white gravel were found, gravel that was not natural to the surrounding area. Many were found to be 7ft. wide, some 4ft. wide, and in one instance 8ft. 3in wide. What we now have to consider is whether the width of the lines is related to the order that the lines form in the Planetary-hierarchy. How wide is the Primary Distributor passing through Chartres? How wide is a local line in the Herefordshire countryside? How does the width affect the accuracy of plotting a line on a detailed map? Notwithstanding the above, some people have had visions of silvery-white lines passing over the countryside, some distance above the ground.

In studying the possible route of a power line, despite the amount of significant detail picked up from the Landranger maps, there are likely to be numerous gaps due to artefacts being destroyed in the past, mostly by farmers enlarging and levelling their fields. Can we anticipate where lost artifacts might have been? This pre-supposes that they were laid out at regular intervals, presumably to enhance, concentrate and pass on the energy in the line. To test this theory we need to check the distances between extant artefacts, but this must be done using the unit of measure used by our ancestors, the “Megalithic-Yard”. Appendix 7 contains a table of various ancient measures.

Some power-lines through, or emanating from, camps and stone circles are sun alignments on Ist. May (Beltane) or 2lst / 22nd June (Summer Solstice). At these times beacons would be lit at the top of hills and ritual dances,

songs and chants performed. In Herefordshire it has been suggested that Midsummer Hill in the Malvern Hills has an alignment with the Sun at Summer Solstice whereas May Hill in Gloucestershire has an alignment with the Sun at Beltane. Watkins also points out that there is a cave ("Giants" or "Clutters" Cave) near the top, on the west side, of the Malverns, near Herefordshire Beacon. Just below the cave there is a large unhewn stone, but with one side carved fairly smooth to a shape that will accept a man's back lying on it at an angle of 45°. On Mid-summer day someone lying against the stone would see the sun rise above the cave (although the present author would question this orientation).

Watkins has suggested (Chapter XIII of *The Old Straight Track*) that different ley lines were different paths used by different traders for different purposes, such as the conveyance of salt, flints, tin etc. Elements in place names often relate to the principal trade carried down the route upon which the place lay. Whereas this latter proposition may be true, the original purpose of the ley-lines has to do with the conveying of Cosmic and telluric energies over the land surface. It has also to be said that some of Watkin's lines plotted onto detailed Ordnance Survey plans seem somewhat haphazard, and do not fit into any cohesive framework. Putting a ruler on a plan and finding that three significant artifacts line up does not, by itself, constitute a ley-line, in the sense proposed in this present book..

However, notwithstanding the above, the Author plotted the Eastnor-Hay Line onto a 1:10,000 scale Ordnance Survey map which contained Hereford Cathedral. Two of Watkin's lines were then plotted:-
(a) One came from the tower of All Saints Church in Hereford City Centre, passed through the Cathedral Tower, then to Dinedor Camp on the outskirts of the City. The Author was then able to project this line further to "Caple Tump" some miles to the south-east of the City Centre.
(b) The second line sprang from the tower of St. Peters Church in the City Centre, passed through the Cathedral Tower, and terminated at the centre of Beech Grove about five miles south-west of the City Centre. This grove of trees is an almost perfect circle. At this point it is interesting to note that roadworks close to Dinedor Camp, being part of works of construction in 2007 of a new by-pass for Hereford city, have exposed a stone-laid serpent path spiralling up the hill.

It was then noticed that the six “spokes” formed by these three lines as they radiated out from the Cathedral Tower formed a regular pattern. Tested with a protractor all angles were 60° (plus or minus 2°). This was surprising as a hexagram is a Sun-sign. As the Cathedral is dedicated to Mary it was thought that any pattern would be based upon an Earth sign. The distance from the Cathedral to both Beech Grove and Dinedor Camp is 4426 megalithic yards. Yet projected along the other lines this line-distance does not seem to pick up any artifact of significance. 1906 O.S. maps were examined in the local County Records Office to see if any significant artifacts existed at that date which perhaps had been removed or destroyed during subsequent agricultural or urban development. Nothing of note was found. However, Blakemere church, which is on the Hereford to Hay Line, has a hexagram in a stained glass window above the alter. Is the Eastnor-Hereford-Hay Line a Sun-Line therefore? On the advice of a good friend the Author decided to investigate the relationship between a hexagram and pentagram. Both figures were plotted within the same circle, sharing the same centre-point (see figure No. 41 below). Lines were then drawn between the centre and Apexes of the superimposed figures. A tracing was made of this which was then placed over a Landranger Map of Hereford, centred on Hereford Cathedral. The composite lines picked up sufficient relevant artifacts on the ground to suggest that a combination of both Sun and Earth energies were being radiated over the landscape from Hereford Cathedral. It became obvious that the Eastnor-Hereford-Hay Line was part of the Hexagram and was therefore a “Sun” line. It therefore seemed to indicate that Solar energy was entering the Planet at Giza, travelling down the Tetrahedron Line to Chartres, thence to Avebury, then Eastnor, then Hereford, then to Hay. At each of the places mentioned it would seem to be combining with Earth energies so that a combination of the two energies was radiating over the landscape at each centre.

The combined diagram was then studied to see if there was a common factor in the geometry of the two figures. The central angles of the hexagram are all 60^{o} (or 5 x 12°). Those of the pentagram are all 72° (6 x 12°). So 12 is the common factor. We then looked at the central angles of the combined figure, starting at the top and working clockwise. They are:

60°/12°/48°/24°/36°/36°/24°/48°/12°/60°.

All these angles are divisible by twelve:

x5/x1/x4/x2/x3x3/x2/x4/x1/x5.

Now 5 + 7 = 12. What is this telling us?
We then studied the Landranger map of Hereford again to see if a combined hexagram / pentagram diagram could be plotted. A circle, with its centre on Hereford Cathedral tower, was drawn so as to pass through Beech Grove and Dinedor Hill. Dividers were then used to measure the distance between the two, and to step this out along the perimeter of the circle.

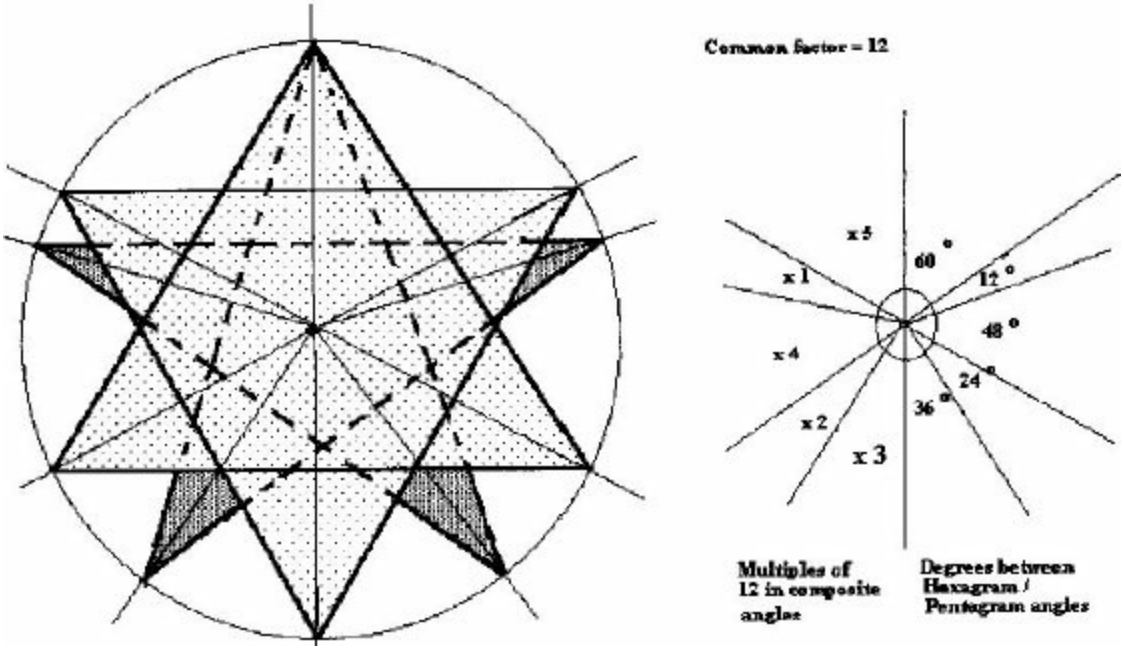


FIGURE 41

HEREFORD HEXA / PENTAGRAM

It went almost exactly six times. These two landmarks therefore seemed to be the Apexes of an Hereford hexagram. Once this was drawn on the map its edges were seen to go through other significant artifacts. But attempts to fit a pentagram into this same circle resulted in the figure relating to no artifacts whatsoever (figure 41). Then a hunch led the Author to construct a pentagram around the hexagram, and the resultant figure did pick up significant artifacts. The shape of this Earth Temple is shown in figure No. 42.

We then investigated the next centre back down the line at Eastnor. It was

found that one could construct a combined hexagram / pentagram here also. It was also found that the two components had the same relationship and similar size to Hereford. An intuitive thought gave the Author the meaning of this figure. It represents the impregnation of the solar seed within the womb of the Earth. The same figure was then found to exist around Gloucester and Worcester, although in the latter case a straight Roman Road from Worcester direction Birmingham threw the Author off for a time, until it was realised that an alignment from Worcester Cathedral to a church several miles to the north-east was the one that our figure related to, which was parallel to, but not on the course of, the Roman Road.

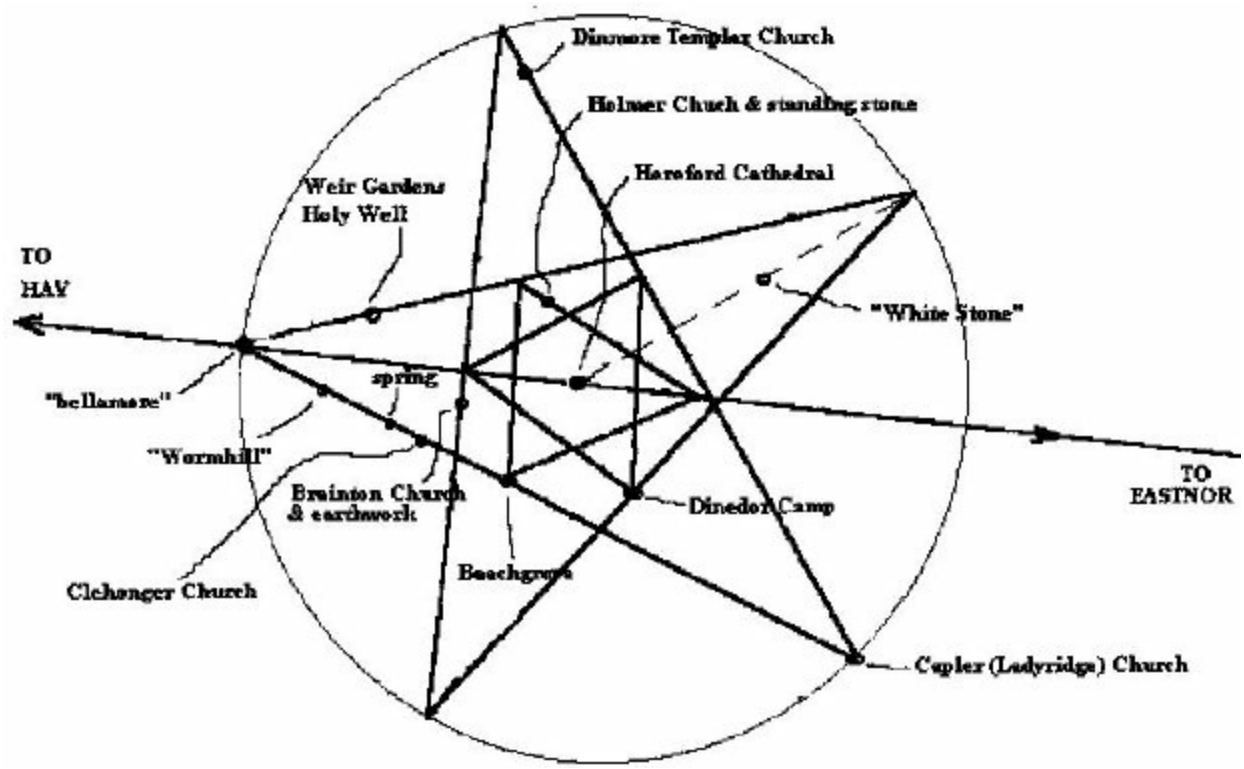


FIGURE 42

HEREFORD HEXA-PENTAGRAM (Detail)

THE WORK OF OTHERS

The above study so far has looked at how the Planetary grid has empowered sites and lines down to secondary and tertiary levels. These findings have all been the result of the Author's own research. But a number of other researchers have contributed to our extant knowledge of 'Ley' or 'Dragon'

lines around the Earth, particularly in Europe and the British Isles. Presented below is a brief description of five such studies as the serious student of Geomancy is likely to have come across them. Two relate to power lines, three to what we could call ‘Earth-Temples’. Is it possible to have systems that do not relate to the primary power Grid of the Planet, or sacred sites such as Giza or Chartres that are located on that Grid? Are they based upon chance co-incidence of apparent alignments, that are not actually within or on the Earth? The reader is asked to examine the examples below and judge for themselves. The examples given are as follows:

(f) Michael Line
(g) Perpetual Choirs
(h) Glastonbury Zodiac
(i) Kingstone Zodiac
(j) Grail Line

(f) MICHAEL LINE

The Michael Line is said by some geomancers to be a major ley-line that passes through Southern England, between St. Michael’s Mount in Cornwall and Bury St. Edmunds in Suffolk. In its journey between the two the Line passes through Glastonbury Tor and Avebury Stone Circle. It also passes through a number of churches dedicated to St. Michael and also some dedicated to St. Mary. I currently (2013) live near the Somerset county town of Taunton. The parish church in the centre of Taunton is St. Mary Magdalen, which dates back to Medieval times. Hammett Street runs roughly south-west to north-east from the Town Centre up to the Church, the tower of which dominates the street scene. Transfering the Michael Line onto an 1888 25’’ Ordnance Survey map of Central Taunton it is seen to run up from the war memorial in Fore Street, along, and in perfect alignment with, Hamett Street, and thence through the Church Tower. Nicholaus Pevsner has noted in one of his monumental works on English church architecture that Hammett Street, which is lined with fine Georgian buildings, was first laid out in 1788. It is not known if this was on a more ancient track of the same alignment (figure 43).

FIGURE 43

Where does the Michael Line get it its energy from? A VERSAMAP computer run was made extending the line to the south-west to see where it would lead to. It was found to pass through the Azores Islands, the old mountain peaks of ancient Atlantis that are on the highly volcanic Mid-Atlantic Ridge. It actually passed very close to the island of ‘Sao Miguel’ – Portuguese for St. Michael! What is significant for the Michael Line is that one of the edge lines of the Planetary Hexahedron (Cube) also passes through the Azores, close to Sao Miguel. Is it energy from the volcanic islands of the Azores, or perhaps the Cube Line, that is powering the Michael Line? The Cube Line is 4212 nautical miles long. It is joined by the Michael line 1072 nautical miles from the Cube Line’s apex (4), which is slightly over one quarter of the total length of that line. The Line was also extended north-eastwards beyond Bury St. Edmunds out into the North Sea. It crossed Icosahedron Line 3-11 in the sea, north of Norwich, 1130 nautical miles from Apex 3 of that line (Petrozavodsk). Line 3-11 is 3810 nautical miles long.

In studying the total length of the Michael Line it was noticed that the distance from Largin Castle to the Grail Line crossing is 194 nautical miles, whereas the Grail Line crossing to the point where the Michael Line meets the Icosahedron Line 3 – 11 is 123 nautical miles. This means that, within a margin of error of 2%, the two sections of line are in proportion to each other of 1.618 to 1.000; the Golden Proportion. Further study will need to be undertaken to see if these intersecting lines are relating to some larger geomantic pattern.

David Furlong in The *Keys to the Temple* (6) states that he does not consider the Michael Line to be completely straight, and also that it passes through the group of standing stones on Bodmin Moor called "The Hurlers". A VERSAMAP run for the Michael Line was made using the end co-ordinates for St. Michael's Mount and Bury St. Edmunds. As a straight line it passes 2 miles to the south-east of the Hurlers. Hamish Miller and Paul Broadhurst, on page 23 of their book *The Sun and the Serpent* *(23)*, in reference to John Michel's discovery of what came to be known as the 'Michael-Line', state:

".....Robert Forrest also found in his researches that if the alignment is treated as a 'corridor' or 'route' rather than a dead straight line, then the coincidences of churches dedicated to St. Michael multiply. If a tolerance of 500 metres is allowed either side of the line, extended across its entire length, then no less than 63 churches fall within the boundary. Of these, 10 churches are dedicated to St. Michael or St. George and 23 to St. Mary (i.e. 33 out of 63, or over 50 % - Author). This introduces another aspect, which appears to indicate that the St. Michael Line could also be a St. Mary line. However, perhaps it is not so strange when one considers that St. Mary is commonly understood to be the Christianised earth Goddess of Pagan Times....."

In their book Miller and Broadhurst show how they dowsed the whole length of the Michael-Mary Line to find (in their words) that there were two currents of energy that meandered either side of a hypothetical straight line in a serpentine fashion, Often crossing each other.

Where does the Giza Line cross the Michael Line? A VERSAMAP run for a straight line plot that passes through the Great pyramid passes 3 miles too far

to the north-east of Chartres Cathedral. Yet this Cathedral is definitely on this line. It has to be said that 3 miles is only 0.05% of the total length of the Giza Line. Either the Line deviates by this distance, or the Line is more in the form of a wide band of energy. We therefore plotted a 6 mile wide (3 miles either side of the VERSAMAP centre line) band through Cornwall. Are there locations within this band that could form its true centre? The VERSAMAP centre-line enters Cornwall from the Atlantic Ocean in the North-West, passes through St. Georges Well, one mile to the north-west of Padstow, within $^{1}/8^{th}$. mile of an ancient cross at Pencarrow and also an earthwork called Penhargard Castle, touches an earthwork known as Largin Castle 6 miles to the west of Liskeard, then within a hundred yards of a church at Hessenford, then out into Cawsand Bay to the south-west of Plymouth. The VERSAMAP plot for the Michael Line also passes through Largin Castle. Wherever the true centre-line of the Giza Line is within its band, its orientation must be the same as the band as a whole. The centre lines of both lines form angles of 53° and 127° where they cross at Largin Castle. These angles are almost the internal angles of a heptagon, a seven-sided figure. (The angles are actually 52^{o} and 128^{o}). The number seven and the seven-pointed star, the heptagram, have a specific mystical significance. It is intended that some time in the future a more detailed study will be made of lines and artefacts in the locality of Largin Castle.

(g) PERPETUAL CHOIRS

Centred on the same area as the above is a giant Earth Temple examined by John Michell in his book *City of Revelation*. Apparently Lantwit Major, Glastonbury, Stonehenge and Goring upon Thames are all equidistant from each other and the three lines drawn between each form two angles that are equal. Lines drawn through the bisected angles are then projected to a common centre. This is then used to draw a circle through the above places and around much of Mid- Wales, Central and Southern England. The same inter-place distances pricked out around the circumference then apparently locate a total of ten sites of sacred or historic importance (see figure 44). The common centre proposed by Michell is at a hamlet called Whiteleaf Oak, at the southern end of the Malvern Hills. Having studied the area in detail I would suggest that the true apex is Chase End Hill, the southern-most hill of the Malvern range that happens to adjoin Whiteleaf Oak.

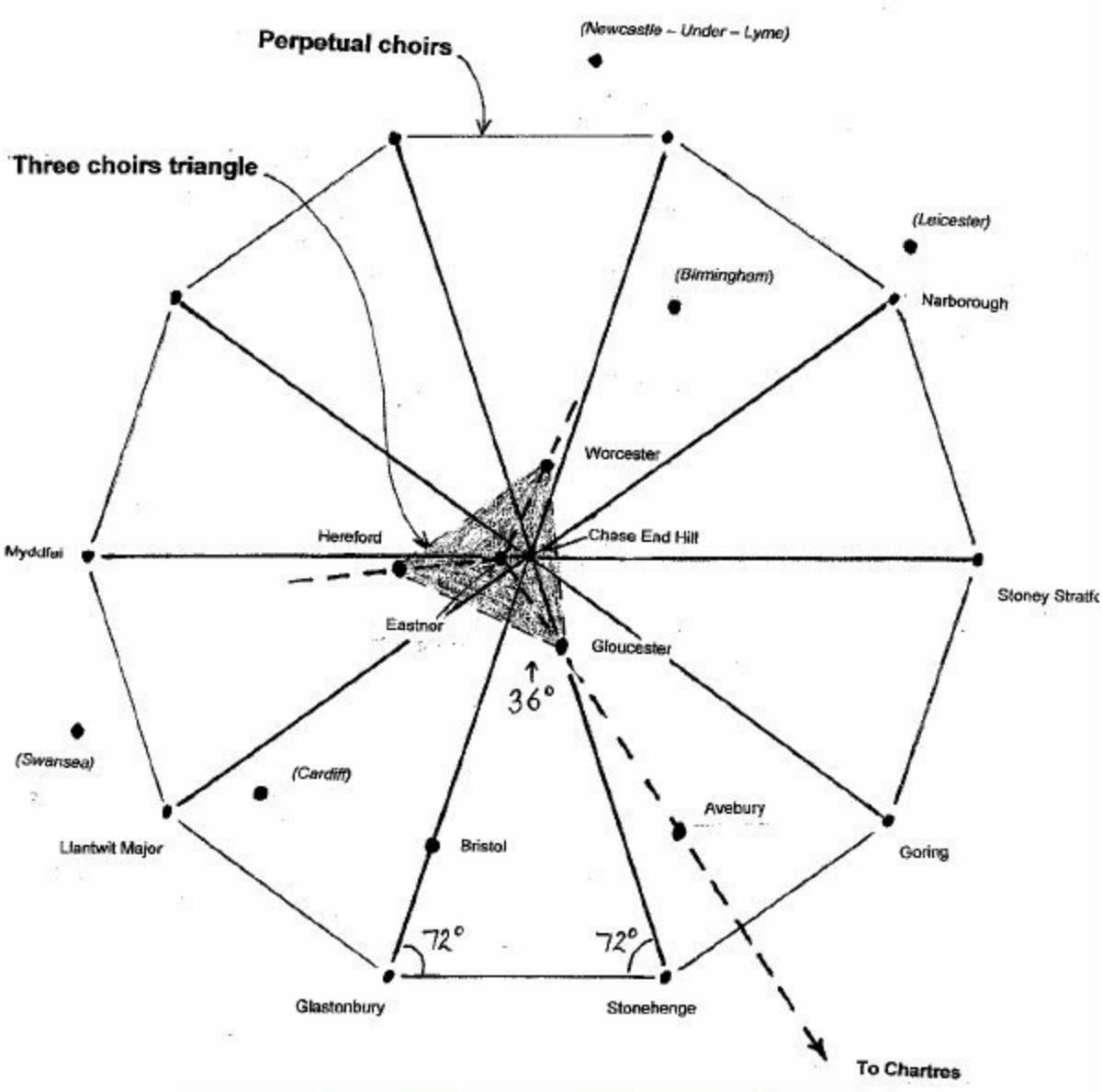


FIGURE No. 44.

THREE CHOIRS & PERPETUAL CHOIRS

Chase End Hill is about two miles to the east of Eastnor. Should the Three Cathedrals Triangle and Michell‘s Earth Temple have the same centre; is one system part of the other larger system? If Eastnor is the centre of the Three Cathedrals then the length of the radii from Eastnor are all within 8% of each other; if Chase end Hill is the centre of both systems then the radii would differ by up to 28%. Eastnor lines-up through Gloucester Cathedral with Avebury and Chartres, yet the Author found that Michell‘s Stonehenge –

Whiteleaf Oak (Chase End Hill) line also passes through Gloucester! The Author therefore decided to check Michell‘s calculations. If there are ten significant sites around the circle then the apex angle of each segment is 360° / 10 = 36°. 180°- 36° = 144°, or 72° for each base angle of the triangle. Using Glastonbury to Stonehenge as the base-line one projects two side lines up from these locations until they meet at their common centre, which was indeed Chase End Hill! So both centres are valid in their own schemes. Is there a relationship between them? Are they in fact both parts of one scheme? With a little bit of tweaking could the two schemes be reconciled?

(h) GLASTONBURY ZODIAC

The Glastonbury Zodiac is a large zodiac of figures (animal and human) 12 miles in diameter, laid out in the countryside of Somerset to the south of, but including, Gastonbury. The figures are delineated on the ground by topographical features such as artificial mounds, hills, rivers, ditches, tracks and roads (where the original ancient route is preserved). This Zodiac was first (re-) discovered by Katherine Maltwood in the 1920’s, and is described in her book *Glastonbury’s Temple of the Stars* [(10)], which also related such to Arthurian and Grail legends extant in the South-West of England. Maltwood’s Zodiac was plotted onto a montage of relevant O.S. Landranger maps of the area, together with the Celestial Equator, the Equinox as it would have appeared in 2700 B.C., the stars forming the 12 Zodiac constellations, and the 12 astrological divisions. The actual star constellations do not fall in the divisions of the same name, but are one division out in most cases.Another oddity is that the star constellations are so bunched together that between Pisces and Aquarius there is a gap large enough to fit in a thirteenth constellation. It was noticed that the centre of the Ecliptic was at Baltonsborough whereas the centre of the Celestial Equator was between the ends of the fingers of the outstretched hand of Saggitarius, to the north-east of Butleigh. One of the figures, Aquarius, is not identical to the usual Water-Bearer of modern Western Astrology, which is derived from ancient Chaldean and Babylonian sources, but is in the form of a Phoenix, which is of ancient Celtic and Egyptian origin. Glastonbury Tor is contained within the body of this Phoenix.

How does the Glastonbury Zodiac relate to the ley-line system of Britain and

Europe? Firstly, the Michael Line is known to pass through the Tor. It is interesting to note that a straight-line computer plot of the Michael Line, using St. Michael's Mount and Bury St. Edmund's Cathedral as end co-ordinates, misses some important geomantic artifacts (including the Tor) that it ought to pass through. It must be assumed therefore that ley lines have a certain degree of deviation, so as to pick up important chakras on the Earth's surface (or the Earth has shifted along its numerous fault lines over several thousand years). Four other line-plots from the Tor were tested:-
(a) to Chase End Hill, in the Malverns; (b) to Eastnor Village; (c) to Mont St. Michel; (d) to Chartres.
Line (a) did not appear to pass through any significant artefacts between its end points although it does form part of the framework of John Michell's Giant Zodiac covering much of East-Central Wales and Central England. Line (b) passes through May Hill in Gloucestershire, a major landmark and ley-centre. Line (c) is interesting in that it passes through the centre of the Celestial Equator of the Zodiac. There would seem to be a connection between Mont St. Michel and this Zodiac. Line (d) does not seem to pass through any artefact of significance on the O.S. maps in the Author's possession (except one village church and one ancient moat), although judgement is reserved until the extended line has been studied in France.

What is of significance is that various lines pass through the Tor, which is in the Zodiac constellation of Aquarius, and the Planet has recently passed into the Age of Aquarius.

(i) KINGSTONE ZODIAC

In an article entitled *Is there a Kingstone Zodiac – A Summing Up* [8] by Mary Cain, which was published in the journal *Prediction* in 1972, the author of that article suggested that her researches had led her to believe that there was a similar zodiac to Katherine Maltwood's but centred upon Kingstone Upon Thames in Surrey. She had plotted on plans a circle of figures delineated by features in the landscape similar to those at Glastonbury. Both figures are approximately the same size, about $5^1/_2$ to 6 statute miles radius. Whereas the Glastonbury Zodiac seems to be anchored on the Michael Line at Glastonbury Tor the Kingstone Zodiac does not seem to be related to a leyline of a primary or secondary order.

(j) LAMPETER (LUMPSAINT) ZODIAC

Anthony Roberts, in his book *Atlantean Traditions in Ancient Britain* [15], refers to a giant zodiac that exists in Cardiganshire (Dyffed), near the town of Lampeter. It would seem that this landscape zodiac lies between the rivers Teifi and Towi, across the valley of the river Cothi. The topography of the land, some parts being altered by the hands of ancient man, is shaped to delineate zodiacal figures similar to those of the Glastonbury Zodiac. In the 1940s a certain Lewis Edwards carried out research into this zodiac, studying large scale Ordnance Survey maps and carrying out extensive fieldwork. Edwards's findings were published in the magazine Research in 1948.

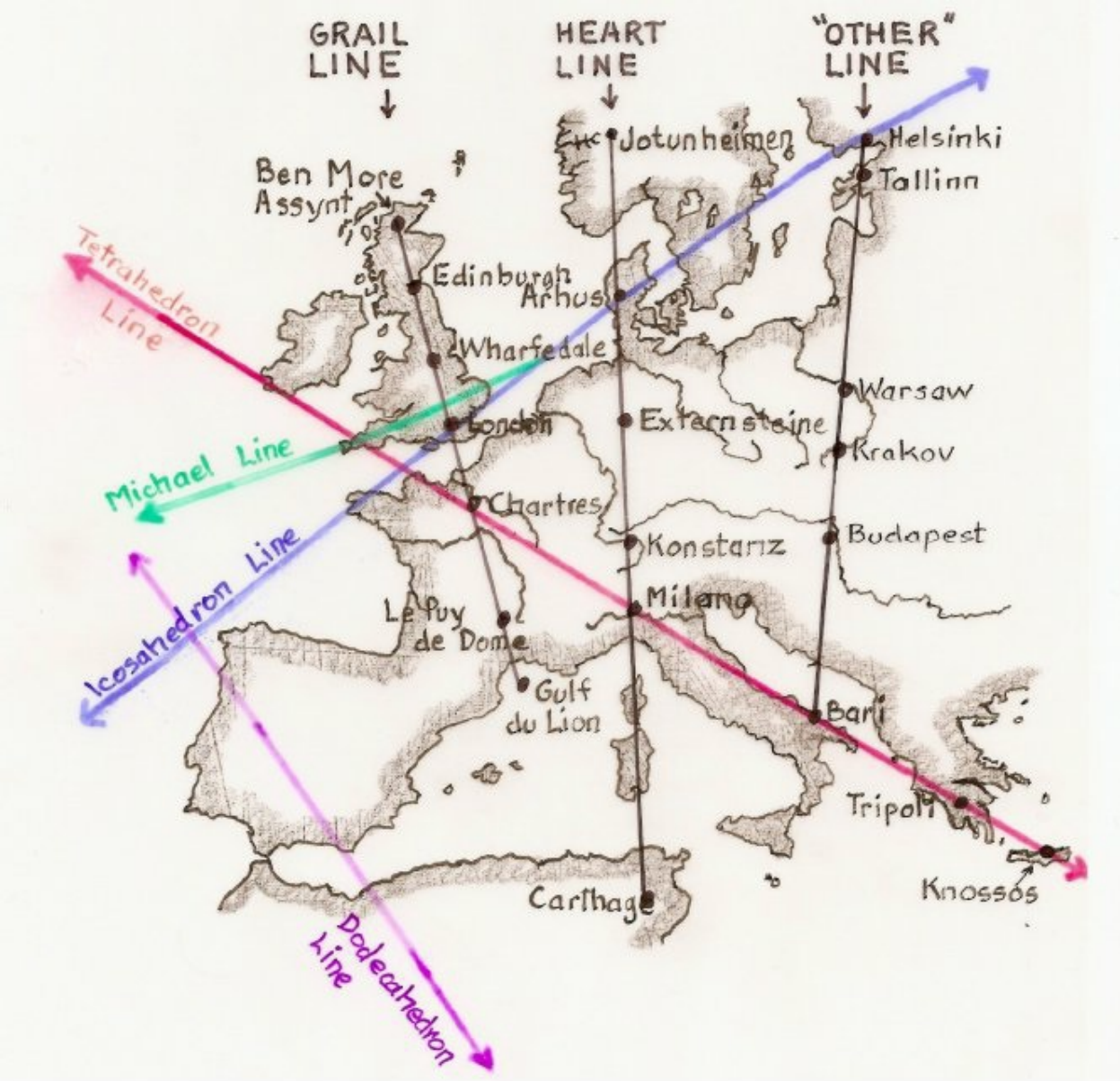
Edwards also discovered that there was an alignment of cairns on Mynydd Llanbyther to the south-west of this landscape temple. This alignment, projected into the centre of the circle, passes through the edge of the sign of Taurus. If this indicates that the landscape temple was constructed at the beginning of the Age of Taurus it would date it to 4500BC (4516 to be precise – Author). The Zodiac is known among speculative archaeologists as the 'Pumpsaint Zodiac', and it is now thought that there could be many more zodiacs in various locations in the British Isles and even Europe. It is important to bear in mind that the date of 4500BC pre-dates the time when Celtic tribes, an Indo-European people, migrated from the Continent into the British Isles, which did not take place until the period 2000BC to 500BC. In their earliest incursions into Wales legend has it that the Celts clashed with an indigenous people known as the 'Children of Don' exterminating or displacing them. The Children of Don are probably the same people as the 'Tuatha – de – Danaan' of Ireland, who were displaced by invasions of Aryan Celts from Mainland Britain. It is thought that these earlier peoples were the builders of most of the older megalithic sites in the British Isles, and might originally have been of Atlantean stock.

(k) GRAIL LINE / HEART LINE / 'OTHER' LINE

Peter Dawkins and the Gatekeeper Trust have carried out research into ley lines and sacred sites for many years. They have identified about four or five important lines running through Europe on a roughly north to south axis, but with the lines tending to converge at their southern end if projected into North Africa. These lines pick up important sacred sites, often of medieval

cities that owe their origins to pre-Roman or even pre-Celtic times, that is, the age of the Megalith builders. They have actually identified the whole of Europe as one gigantic Earth temple. Western Europe is seen as a geomantic representation of the myth of Europa riding on the back of a bull. The Bull is the mainland of Western Europe, the Bull facing west. Spain is the Bull's head, Italy its front legs. The British Isles are Europa riding on the Bull's neck, and Ireland is the child that Europa is carrying. One line in particular interests us: a line they have designated as the 'Grail-Line'. This is said to run from Ben More Assynt in the Highlands of Scotland, through Edinburgh, London, Chartres, Bourges, Clermont Ferrand (Puys de Dome), Montpellier and thence flowing into the Gulf- du- Lion, in the Mediterranean Sea. Bourges is an ancient cathedral city in the centre of France. The line is divided into seven chakras, represented by important locations, such as the places mentioned above (refer to Plan No. 6).

PLAN No. 6



Projection: Equidistant

EUROPE – GRAIL AND HEART LINES

The line appears to cross the Michael Line at Great Offley, near Hitchin in Hertfordshire, the Icosahedron (Water) Line 3-11 at Woldingham in Surrey, and the Tetrahedron 4-21 Line at Chartres. In the latter case it is interesting that the line passes between two of the Apexes of the Chartres Round Table (Zodiac?), Gloucester and Norwich, almost equidistant between the two, passes through Chartres, then out of the southern end of the Round Table

equidistant between Chartres lines F and G. So although it does not run in alignment with the ‘spokes’ of the Round Table it does seem to have some geometrical relationship to such.

Another line that Peter Dawkins has identified lies to the east of the Grail Line and is designated by by Dawkins as the ‘Heart – Line’ of Europe. Also identified with seven ‘Earth-Chakras’ it runs, north to south, from Jotunheimen in Norway, Arhus in Denmark, Exsternsteine and Konstanz in Germany, Milan in Italy, and the site of ancient Carthage in Tunisia. Arhus is also on the Icosahedron Line ‘3-11’. Going further east it was noticed that there are a number of other important centres in alignment that would seem to fit into Dawkins pattern for Europe. From north to south they are Helsinki, Tallin, Warsaw, Krakov, Budapest and Bari in Italy. Helsinki is on the Icosahedron Line ‘3-11’, Bari on the Tetrahedron Line ‘4-21’. At the time of writing (2013) It is not known what the significance of this line is, nor whether it actually relates to Dawkin’s Earth-Temple.

As a postscript to the above it must be said that Peter Dawkins and the Gatekeeper Trust are doing valuable pioneering work in the European scene of geomancy. There does seem to be a definite connection with the Planetary Matrix, but more research is needed to find out what the overall pattern of secondary and tertiary lines in Europe is.

(l) AVEBURY VESICA

Avebury is one of the most important stone-circle Earth-temples in the British Isles. Many important ley-lines pass through Avebury, including the Michael-Line ad the Eastnor-Chartres Line.

In studying the area around Avebury we need to refer to the work of David Furlong in his book “*The Keys to the Temple*” [6]. In this well-researched work Furlong claims to have discovered a large Earth Temple on the Marlborough Downs which includes Avebury and the Michael-Line, and is based upon the vesica piscis. A vesica piscis is a geometric design resulting from two overlapping circles of equal diameter where the centre point of one circle lies on the circumference of the other.

The vesica is the centre portion of the figure and will often be found in the

tympanum above the west-front doors of many old European cathedrals, and will often contain a frieze of the Madonna and Child, or Christ Pantocrater. The vesica is claimed by geomancers to contain within itself certain Cosmic proportional relationships from which can be derived measurements of the Earth and Moon, and of the Great pyramid (see figure 45). However, Furlong's vesica delineated by various ancient topographical features is not a true vesica in that the centres of his circles do not lie on their partner's circumferences as they are pushed more closely into one another. What Furlong claims to have found is that because of this the angles and interior relationships of the Great pyramid can be found from this particular distorted vesica. A triangle constructed within a vesica is equilateral with all internal angles 60^0. If one constructs an equilateral triangle on Furlong's centre points, and then projects lines from the top apex to points where the base line bisects the circumference of the circles then the resultant internal base angles are 51° 51 '; the angle of slope of the Great Pyramid (see figure 46 & 47).

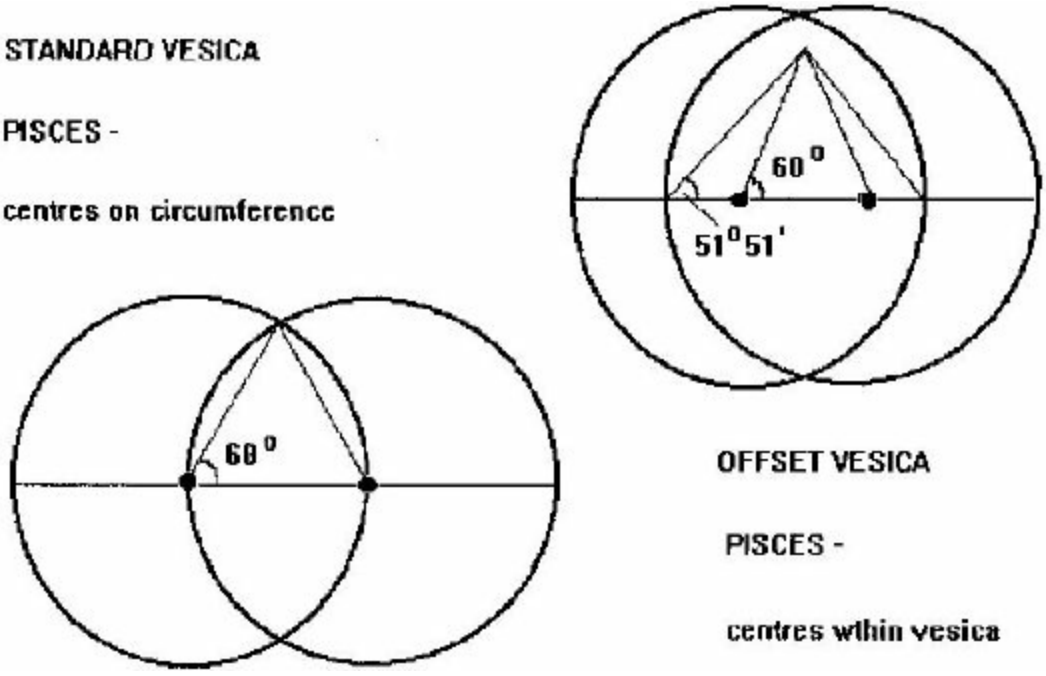


FIGURE 45

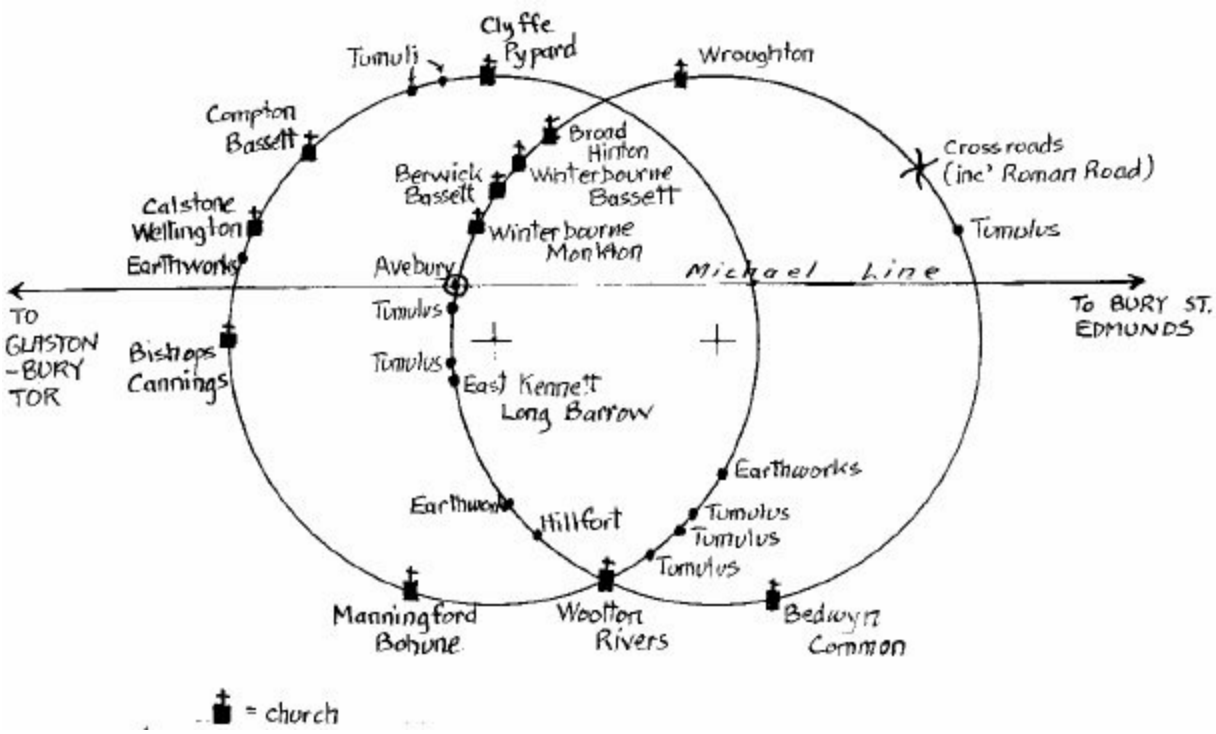


FIGURE 46

AVEBURY VESICA PISCIS

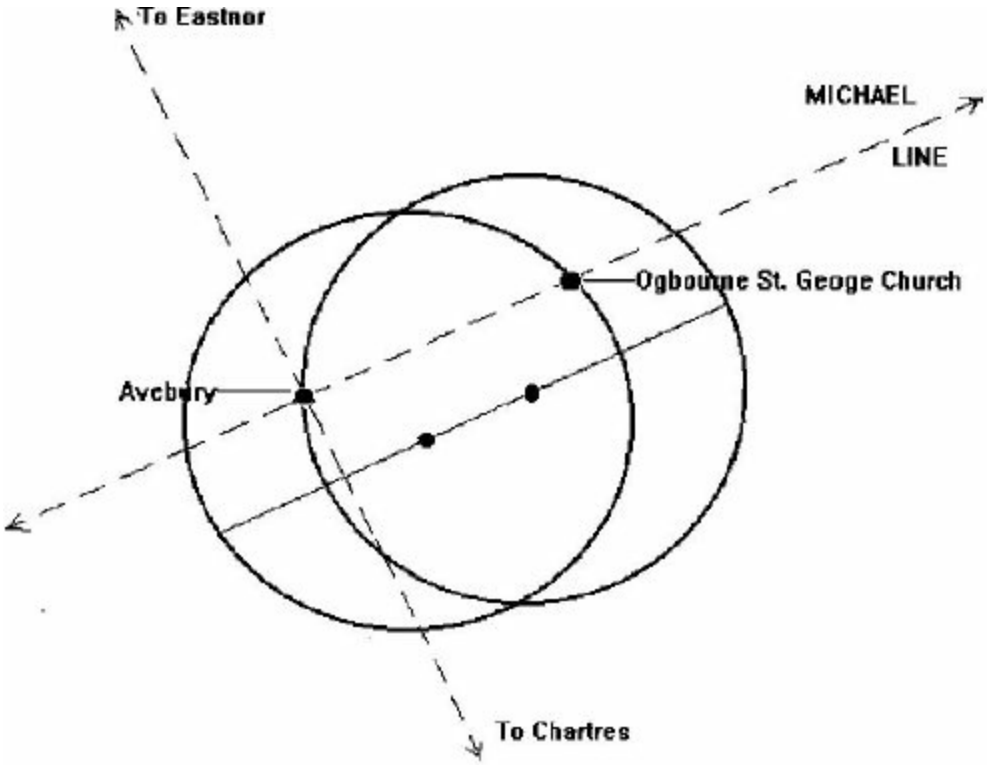


FIGURE 47

AVEBURY VESICA PISCIS - ORIENTATION

The above, together with other landscape temples known to the Author, seems to be pointing to the fact that the various ancient topographical artifacts covering the Earth‘s surface serve more that one function:-
a) power lines of telluric energy;
b) enclosed power systems with root to crown chakras;
c) geometric diagrammes that convey knowledge in a veiled form.

13. CONCLUSIONS

> I saw a new heaven and a new earth, for the first heaven and the first earth had vanished, and there was no longer any sea. I saw the Holy City, new Jerusalem, coming down out of heaven from God, made ready like a bride adorned for her husband. I heard a loud voice proclaiming from the throne: 'Now God has his dwelling with mankind! He will dwell among them and they shall be his people, and God himself will be with them. He will wipe every tear from their eyes. There shall be an end to death, and to mourning and crying and pain, for the old order has passed away!'
>
> Revelations Ch. 21 vs 1-4

It is hoped that the research carried out for this book has provided the serious reader with material that they can use to carry out their own studies in more detail in their own area where they live. There is nothing more exciting or absorbing than visiting our medieval churches and cathedrals, standing stones, stone circles, tumuli etc and tuning in to their energies to find what story they have to tell us. What is their history, their alignment, their energy quality? Is the energy stagnant? Have they been cut off from the source of their energy, an important sacred site or ley line in the wider area? Has the local dragon been slain by the Ahramanic force of modern development, a motorway, an airport, or massed urban development that had no respect for the ancient patterns in the landscape?

At this juncture I wish to make one or two comments on the silly things that I have seen people do. It is undoubtedly the case that there are a number of primary sacred sites on the Earth's Primary Matrix network of lines. Whether there are 7 or 12 or some other number the Author knows not. The Pyramid of Khufu, or Cheops, is undoubtedly one such site of World importance, as also is the powerful volcano, Krakatoa. Chartres is probably THE most important site in Europe. Some researchers call these sacred sites, sites of intense spiralling energy, 'Earth-Chakras'. On a secondary or tertiary level there are probably many power lines and energy centres still waiting to be found. Unfortunately there are individuals who go rushing into the

countryside armed with Ordnance Survey Landranger maps, crystal pendulums and dowsing rods, and are presuming to find ley-lines and Earth-Chakras all over the place. And Don't perpetuate the basic mistake made by Watkins in *The Old Straight Track*. Three ancient artefacts in alignment does not equal a telluric or energy-line. It only equals an alignment!

I first attempted to carry out this present study after an earlier study of the Tetrahedron psychic crystal within the Earth, that was completed some years ago. But on a Spiritual level I was blocked! I could not draw down the energy or inspiration to further this work. I was aware of the beginning of the entry of the Aquarian energies into the Planet around 1964, prior to the phasing out of the Piscean energies in 2000, a total overlap period of 36 years. A Zodiac Age is 2160 years long, being a twelfth part of a total Precession of 25,920 years (i.e. nearly 26,000 years). That the Piscean Age phased out finally in year 2000 has nothing to do with the 'Millennium' as the calendar that is used in the West is **Man-made** and does not relate to **Natural cycles**. The Piscean Age phased out 2000 years after Christ is purely co-incidental. That Age actually began about 160 B.C. at the time that the expanding Roman Empire defeated a Greek Army in Macedonia, thereby replacing Hellenic influence in the Eastern Mediterranean with Roman rule. 2000 minus 1964 is 36 years, which is $^{1}/_{60}{}^{th}$ part of 2160. $^{1}/_{3}{}^{rd}$ of 36 is 12, thus 2012 is the year when the Aquarian energies in the Planet, freed of the dying Piscean influences, will have built up sufficient strength to bring about major changes to Man's and the Planet's level of consciousness. Like the twelve days after Christmas, it is the Aquarian Epiphany when the refertilized Earth will bring back new life. Life will not be the same again after this date! During the period of transition various spiritual powers (archangels, angels, devas, elementals, ascended Masters, extra-terrestrials – I do not wish to speculate as to what or who has been involved) have been beavering away making changes to the Earth's Etheric Matrix and Spiritual energy fields so that the Planet would be ready to function in the New Age on a raised level of consciousness. The Author therefore had to suspend work on this important subject until he felt an intuitive prompting around 2005/06 to continue the work. He felt inwardly that most of the inner work on the Planet had been completed, and that the higher energies were now permeating down and beginning to change the atomic structure of the material plane. Had he attempted to calculate the position of and publish the Planetary Matrix earlier

than this it is conceivable that selfish, disruptive inward-looking forces, forces embedded within the dying Piscean energies, could have tried to mis-use the Planetary-Grid for their own ends at a time before it had been cleansed of the detritus of Millennia of the Collective Human Shadow (the Biblical Satan), spiritualised and strengthened.

It is felt that the time has now come whereby enlightened people World-Wide can use the Planetary Matrix to send healing, loving energy into the Planet. Do we not do this when we move into a new house, to imbue it with our 'best' presence as our new 'home'. Let us do the same for our extended home, our Mother Gaia, to accept responsibility individually and collectively for our part, together wih other beings, to prepare our new extended home for its new life in 2012 and beyond. Treading the paths of ley lines, giving our peace and love to a local standing stone or ancient church. Guarding any negative thoughts or feelings we may have, that they are not left to permeate the Etheric and Spiritual bodies o the Planet, let alone the collective consciousness of our Humanity, thereby avoiding adding to Humanity's Satan, its Collective Shadow.

It is interesting to speculate on the Planetary and stellar influences on the Planetary Matrix.The magnetic and spiritual energy of the Sun, Moon and the inner planets almost certainly reach, and influence in some way, the energy signature of the Earth; but how? I would suggest that this energy, and its variations in time cycles, is absorbed by the Planet through the Apexes of the psychic Platonic crystals in the etheric body of the Planet, and possibly to a lesser extent, by sacred sites on the surface of the Earth where edge-lines of the Platonic crystals cross. Solar and Lunar eclipses undoubtedly affect each other's energies to the Earth, the latter reducing the amount of Solar energy entering into the tetrahedron crystal. It is possible that the 29 day cycle of the phases of the Moon affect the amount of 'moon' energy entering into the Icosahedron. What is the effect of sunspots or sunstorms on the Tetrahedron and the Earth? The periodicity of sunspots or solar-storms was thought to be about 11 years. During a peak of activity huge amounts of solar energy enter into the Earth. Sunspots vary in size, the largest can cover an area of the surface of the Sun of over 18,000 square miles. They can last anything from two hours to six months, depending upon size. Some authorities, studying records going back to the 17th. Century, now think that the full cycle is 22

years, not 11. It has been found that the strength and concentration of sunspots alternates between the northern and southern hemispheres of the Sun each 11 years so that it takes 22 years for the cycle to repeat itself in each hemisphere. This figure nearly equates with the 23 year Sun-cycle used in the study of Human biorythms. Human biorythms are measured in four cycles:
a) 23 day Sun cycle (measuring physical strength);
b) 28 day Moon cycle (measuring the emotions);
c) 33 day planetary cycle (measuring the strength of the intellect);
d) 38 day planetary cycle (measuring intuition).
If the ancients knew about these biorythmic cycles in relation to the cyclic energies entering various parts of the Planetary Matrix then the Planetary Lines and certain Apexes and crossing points could have been used for healing various forms of physical and mental illness. The 11 (or 22) year cycles are part of a larger cycle lasting several centuries, the quitest part of which is known as the 'Maunder-Minimum'. Maunder minimums seem to coincide with a colder climate. The last Maunder minimum was in the 1680's when the River Thames froze over in London. Recent peaks in activity occurred in 1957/8, 1968/9, 1979/80, 1990/91 and 2001/2. The next peak should be around 2012/13 (the year of the Mayan prophecy).

Sunspot activity affects the Earth's magnetic field internally, within the Planetary Matrix, and in the magnetosphere. In so doing it has a direct affect on Human life. It achieves this by way of solar 'bursts' or 'flares', plumes of ionised gas of a total spectrum of wavelengths but particularly strong in ultra-violet and X-rays that break away from the Sun and stream out into the Solar-System, with some reaching the Earth. In 1979 a Sun storm created havoc with the Canadian power system. There was total blackout for several hours and power was lost to eight million homes. Some parts of Quebec were without electricity for eight days. Although not part of the Sunspot cycle, in 1994 a Solar burst approached the Earth causing a malfunction in a NASA satellite with T.V. signals being lost in the U.S.A. and Canada. Aircraft navigation systems were knocked out. Although this satellite was 'recovered' after five hours the Solar burst then knocked out another satellite which spun out of control. It took five months to recover this one. Armagh Observatory records show that there have been changes to the Earth's temperature due to Sun storms over the last 200 years. Plasma from the Sun can electrically charge droplets in clouds causing precipitation after which the Sun's rays

reach the Earth directly, heating it up.

Sun storms can affect people directly on the ground. Myocardiac infarction attacks are known to increase during Sun spot activity. The Earth‘s atmosphere expands during Sun storms causing a drag on satellites. Sometimes satellites can help predict whether a Solar flare will affect the Earth by measuring its magnetic polarity. If the storm-field and Earth-field in one of the hemispheres have the same polarity the flare will be deflected from the Earth.

It is thought by some authorities that Sun spot activity and Solar flares are linked to an increase in earthquake activity and hence also volcanic activity. One of the Earth‘s most dangerous volcanoes at the present time is Krakatoa, in the Sunda Straight between Java and Sumatra. It lies on the Tetrahedron Line ‘14-21’, about midway along its length. It last erupted in 1883 with devastating results, causing a huge loss of life and affecting the climate of the whole Planet for many days. The whole mountain literally blew itself apart when seawater poured into the inner chamber of the cone, leaving a large caldera at sea level. For a long time this remained dormant, but within the last twenty years or so a new cone has grown up on part of the rim of the old. As at 2013 it had reached the size of a mountain again, whose sides are now beginning to bulge outwards vulcanologists are expecting that it will erupt within a few years’ time.

Some of the above may read like doom and gloom to the reader, but this would only be a ‘human’ perception. The Planet is an evolving Being, and we must learn to ‘read’ Her properly and evolve and live in harmony with Her. We will never be able to ‘master’ Her for our own selfish ends for She will always bring Herself back into balance, possibly to our cost. When we learn more about the underlying structures that energise the Planet and use wisely the energies radiating from such Humanity collectively will be ready to take its place in working constructively with the Solar and Galaxy intelligences that have long overseen our beautiful little home in this part of the Universe. We will then be ready to work with the devas and elementals in repairing and reconstructing the Earth to the benefit of all beings living on the Planet. Those Humans who survive the major changes that are to take place will then be ready to ascend to the status of angelic beings, which was always the

Cosmic Masterplan for the Human Race.

APPENDIX No. 1

BIBLIOGRAPHY AND REFERENCES

1 Vincent, Robert – *Geometry of the Golden Section* – (English translation by Adrienne Mequin) – Chalagam Publishing – 1999 (2003) – ISBN: 2-950-80001-2-2

2 Plato – *Timaeus* – Translated by H.D.P.Lee – Penguin Books – 1965

3 VERSAMAP – A computer programme for plotting straight lines across the surface of the Earth, using schedules of intermediate co-ordinates and plans of various projections - devised by H.Culberson, U.S.A. via COMPUSERVE (internet download). No longer available as at June 2007.

4 Velikovsky, Emmanuel – *Worlds in Collision* – Sidgwick & Jackson Ltd. – 1950

5 Michell, John – *City of Revelation* –

6 Furlong, David – *The Keys to the Temple* – Piatkus – 1997 – ISBN: 0-7499-1745-8 hbk

7 Critchlow, Keith - *Glastonbury, a Study in Patterns* – RILKO (Research into Lost Knowledge Organisation) – 1969.

8 Caine, Mary – *Is there a Kingstone Zodiac?* – article published in the journal 'Prediction' - June 1972.

9 Watkins, Alfred – *The Old Straight Track*

10 Maltwood, Katherine – *Glastonbury's Temple of the Stars* – James Clarke & Co – Cambridge – 1964 - ISBN 0.227.67867.2

11 Roberts, Anthony – *Atlantean Traditions in Ancient Britain* – Unicorn Bookshop – 1974

12 Khayyam, Omar – *Rubaiyat* – translated by Edward Fitzgerald – Collins – 1954

13 *The Revised English Bible with Apocrypha* – Oxford university Press and Cambridge University Press – 1989

14 Colquhoun, Ithell – *The Living Stones* – 1957

15 Roberts, Anthony – *Atlantean Traditions in Ancient Britain* – Unicorn – 1974 – ISBN:0-85659-019-3

16 Curatorial Staff of the Egyptian Department, British Museum – *The British Museum Book of Ancient Egypt* – British Museum Press – 1992 – ISBN:0-7141-0965-7

17 Critchlow, Keith; Carroll, Jane; Vaughan-Lee, Llewylyn – *Chartres Maze-A Model of the Universe* – occasional paper No. 1 – published by RILKO – 1975

18 Querido, Rene M, - *The School of Chartres* – a chapter in the book *Anthroposophy Today* published by the Anthroposophical Society – 1987

19 Steiner, Rudolf – *Theosophy-an introduction to the Supersensible Knowledge of the World and the destination of man* – Rudolf Steiner Press – London – 1973

20 Stout, Adam – *What's Real and what is Not: Reflections upon Archaeology and Earth Mysteries in Britain* – Runetree Press – 2006

21 Charpentier, Louis – *The Mysteries of Chartres Cathedral* – RILKO – 1972 (original French publication 1966 – ISBN 0 902103 16 4

22 Zink, David D – The Ancient stones Speak – Paddington Press – 1979 – ISBN: 07092-0955-X

23 Miller, Hamish and Broadhurst, Paul – *The Sun and the Serpent* – Pendragon Press – 1989 – ISBN: 0.9515183.1.3

APPENDIX No. 2

SINES, COSINES & TANGENTS

$$\text{SINE (sin) of an angle} = \frac{\text{opposite}}{\text{hypotenuse}}$$

$$\text{COSINE (cos) of an angle} = \frac{\text{adjacent}}{\text{hypotenuse}}$$

$$\text{TANGENT (tan) of an angle} = \frac{\text{opposite}}{\text{adjacent}}$$

APPENDIX No. 3

TYPICAL VERSAMAP PLOT

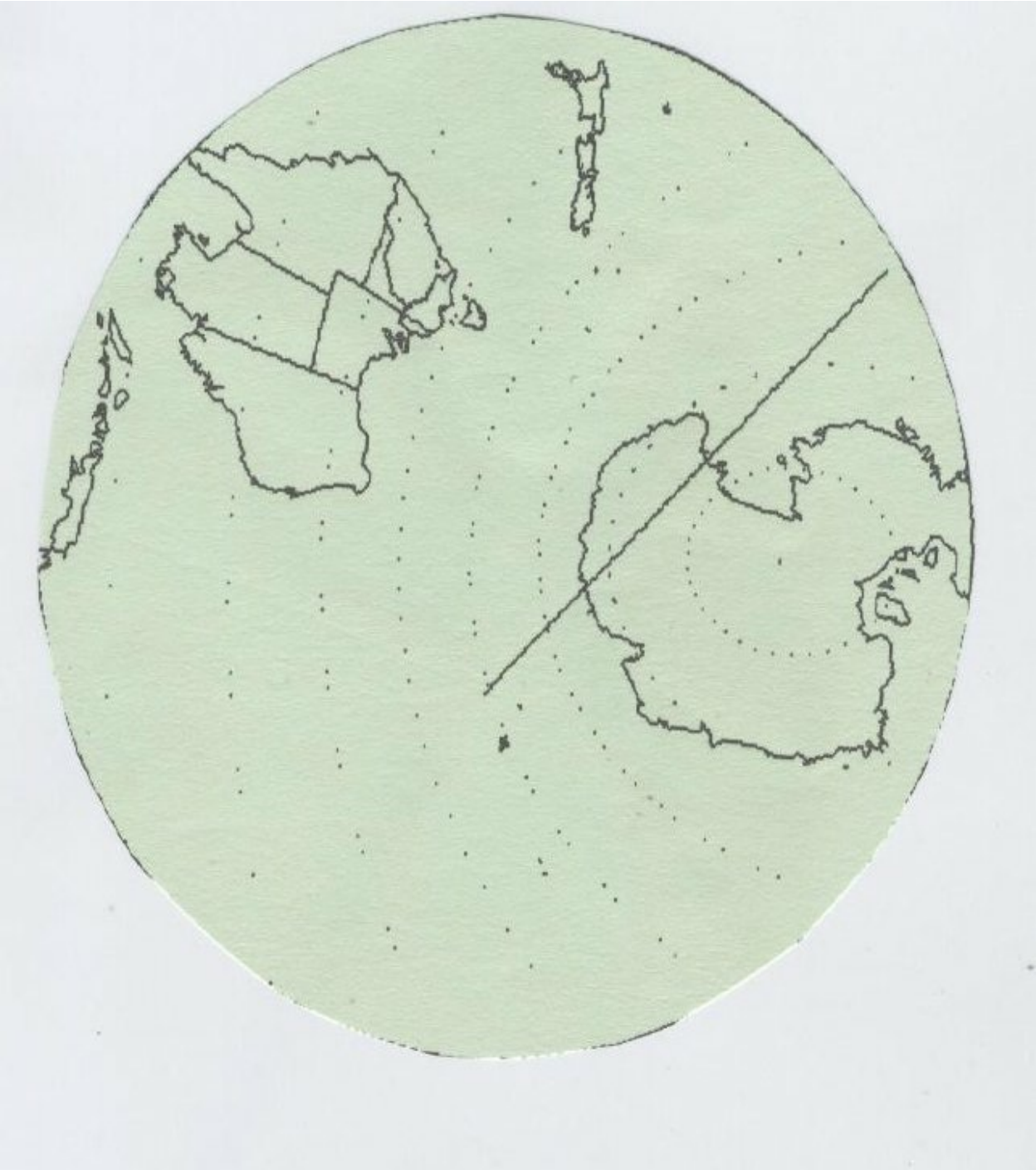
GREAT CIRCLE REPORT

Date: 03-31-2007 Time: 16:57

#	Latitude	Longitude	Course	Distance (nm)	Distance (km)	
1	20 10.0 S	109 10.0 E	153.6	0	0	— m
2	21 00.0 S	109 36.6 E	153.4	56	104	
3	22 00.0 S	110 09.0 E	153.2	123	228	
4	23 00.0 S	110 41.9 E	153.0	190	353	
5	24 00.0 S	111 15.4 E	152.8	258	478	
6	25 00.0 S	111 49.5 E	152.6	325	603	
7	26 00.0 S	112 24.1 E	152.3	393	728	
8	27 00.0 S	112 59.5 E	152.1	461	854	
9	28 00.0 S	113 35.6 E	151.8	529	980	
10	29 00.0 S	114 12.5 E	151.5	597	1106	
11	30 00.0 S	114 50.2 E	151.2	665	1233	
12	31 00.0 S	115 28.8 E	150.8	734	1360	
13	32 00.0 S	116 08.3 E	150.5	803	1488	
14	33 00.0 S	116 48.9 E	150.1	872	1616	
15	34 00.0 S	117 30.5 E	149.8	941	1744	
16	35 00.0 S	118 13.3 E	149.3	1011	1873	
17	36 00.0 S	118 57.3 E	148.9	1081	2003	
18	37 00.0 S	119 42.7 E	148.5	1151	2133	
19	38 00.0 S	120 29.6 E	148.0	1221	2264	
20	39 00.0 S	121 17.9 E	147.5	1292	2395	
21	40 00.0 S	122 08.0 E	147.0	1364	2527	
22	41 00.0 S	122 59.8 E	146.4	1435	2660	
23	42 00.0 S	123 53.7 E	145.8	1508	2794	
24	43 00.0 S	124 49.6 E	145.2	1581	2929	
25	44 00.0 S	125 47.9 E	144.5	1654	3065	
26	45 00.0 S	126 48.6 E	143.8	1728	3202	
27	46 00.0 S	127 52.1 E	143.0	1803	3341	
28	47 00.0 S	128 58.7 E	142.2	1878	3481	
29	48 00.0 S	130 08.5 E	141.4	1954	3622	
30	49 00.0 S	131 22.0 E	140.5	2032	3765	
31	50 00.0 S	132 39.6 E	139.5	2110	3911	
32	51 00.0 S	134 01.8 E	138.4	2190	4058	
33	52 00.0 S	135 29.0 E	137.3	2271	4208	
34	53 00.0 S	137 01.9 E	136.1	2353	4361	
35	54 00.0 S	138 41.4 E	134.7	2437	4517	
36	54 50.0 S	140 10.0 E	133.5	2509	4650	— r

APPENDIX No. 4

EXAMPLE OF A STRAIGHT-LINE PLOT ON GNOMIC SCALE



APPENDIX No. 5

APEX CO-ORDINATES FOR THE FIVE PLATONIC SOLIDS

The co-ordinates for the Apexes of the Dodecahedron have already been given in the main part of this book, in Table No. 3 of Chapter 10. Those for the other four solids are given below to aid the reader in their own research. Apex numbers are given in the order that they appear from the Composite Matrix, spiralling down from the North Pole to the South Pole, and are not in any way random.

Apex	Co-ordinates
HEXAHEDRON (CUBE)	
14	10° 00' N : 173° 45' E
2	49 50 N : 101 30 E
4	54 17 N : 38 53 W
21	13 31 S : 65 34 E
19	13 30 N : 113 15 W
36	50 00 S : 78 25 W
22	10 45 S : 7 15 W
33	54 50 S : 140 10 E
ICOSAHEDRON	
5	48 23 N : 100 00 W
11	17 00 N : 31 00 W
3	60 13 N : 33 56 E
7	45 09 N : 158 20 E
25	1 00 N : 149 50 W
24	13 55 S : 88 00 W
29	45 16 S : 22 00 W
17	2 10 S : 29 40 E
16	12° 22' N : 92° 10' E
26	18 07 S : 148 18 E
37	62 28 S : 145 02 W
34	49 17 S : 79 00 E
OCTAHEDRON	
18	2 17 N : 59 38 W
9	30 00 N : 31 10 E
20	3 00 S : 120 10 E
31	30 43 S : 148 25 W
6	59 18 N : 153 42 W
35	59 28 S : 25 42 E
TETRAHEDRON	
4	54 17 N : 38 53 W
21	13 31 S : 65 34 E
36	50 00 S : 78 25 W
14	10 00 N : 173 45 E

APPENDIX No.6

FIBONACCI SERIES

POSITION IN SERIES			
1.	1 + 2 = 3	3 / 2 =	1.5
2.	2 + 3 = 5	5 / 3 =	1.6 rec'
3.	3 + 5 = 8	8 / 5 =	1.6
4.	5 + 8 = 13	13 / 8 =	1.625
5.	8 + 13 = 21	21 / 13 =	1.6*153846* rec
6.	13 + 21 = 34	34 / 21 =	1.*619047* rec
7.	21 + 34 = 55	55 / 34 =	1.617644117647(20 plus places)
8.	34 + 55 = 89	89 / 55 =	1.6*18* rec
9.	55 + 89 = 144	144 / 89 =	1.6*177* rec
10.	89 + 144 = 233	233 / 144 =	1.6180*5* rec
11.	144 + 233 = 377	377 / 233 =	1.618025751072(20 plus places)
12.	233 + 377 = 610	610 / 377 =	1.61803 etc…..infinity ?
13.	377 + 610 = 987	987 / 610 =	1.61803 etc…..infinity ?
14.	610 + 987 = 1597	1597 / 987 =	1.61803 etc…..infinity ?
15.	987 + 1597 = 2584	2584 / 1597 =	1.61803 etc…..infinity ?
16.	1597 + 2584 = 4181	4181 / 2584 =	1.61803 etc…..infinity ?
17.	2584 + 4181 = 6765	6765 / 4181 =	1.61803 etc…..infinity ?
18.	4181 + 6765 = 10946	10946 / 6765 =	1.61803 etc…..infinity ?
19.	6765 + 10946 = 17711	17711 / 10946 =	1.61803 etc…..infinity ?

APPENDIX No. 7

ANCIENT FORMS OF MEASURE

The modern metric or decimal form of land measure was invented by Napoleon Bonaparte's geographers as a simplified and easier to use system compared to older systems extant in Europe at that time, that was supposed to be related to the Earth's dimensions. And yet a fundamental error was made in their calculations which means that this system is useless for geomancy. The systems that metric replaced in many European countries in Napoleonic times, most of which were related, were more complicated to manipulate, but it has nevertheless been found that they were more closely related to the Earth's true dimensions. The old North European systems were also related to the ancient Roman, Greek, Egyptian and ancient 'Neolithic' forms of measure. The following are selected ancient forms of measure and their relationship to modern British measure:-

Ancient measure	Imperial measure
Digit (basic unit for Egyptian, Greek and Roman measure)	0.729 inches
Egyptian cubit	1.716 feet; 0.57 yards
Great cubit (=55 cubits)	94.38 feet; 31.46 yards
Stadium	607.5 feet; 202.5 yards
Mille passus (=8 stadia; one Roman mile)	4860 feet; 1620 yards
Megalithic yard	2.72 feet; 0.91 yards
Geomancer's mile (5294 megalithic yards)	2.7272 miles

Note: 1 statute mile = 1760 yards or 5280 feet

APPENDIX No. 8

PRECESSION AND THE ZODIAC

Precession of the Earth is due to the magnetic attraction of the sun and moon on the Earth‘s equator. Together with the centrifugal force of the Earth‘s spin these factors distort the Earth so that it is not a true sphere. They also set up a wobble in that spin so that whilst the Earth spins on its axis once every twenty-four hours, that axis itself describes a circle of 47^{o} in diameter during a period of 25,800 years. The position of the celestial pole therefore appears to alter, which in turn affects the position of the celestial equator and equinoxes. Whereas the pole star in 2013 is Polaris to the ancient Egyptians in 3,000BC it was Alpha Draconis. In 12,000AD the position of what ought then to be the celestial pole star will be near the blue star Vega.

Through the Precession the Earth‘s axis will appear to move against a background of stars, many of which have been grouped by Man as constellations, to which have been assigned various mythical figures, such as Aries the ram and Pisces the fishes. Of all the numerous constellations, particularly in the northern celestial hemisphere, twelve were designated by the Ancients to act markers in the heavens, segments of the Universe where there was a specific energy pattern. It must be emphasised that it was not the actual constellations themselves whence this cyclically changing energy signature came. Each constellation just marked a position in the heavens whence different types of energy came. Some of the constellations are only an **apparent** gouping of stars as seen by Man, as an angular spacing from the Earth, as illustrated by Figure No. 48. In many constellations some of the stars will have nothing to to do with others in the so-called constellation and could be so far away from them that they are actually nearer stars in other constellations. In other words, the constellations we think we see from Earth don’t actually exist. The stars exist, but are probably not related to each other

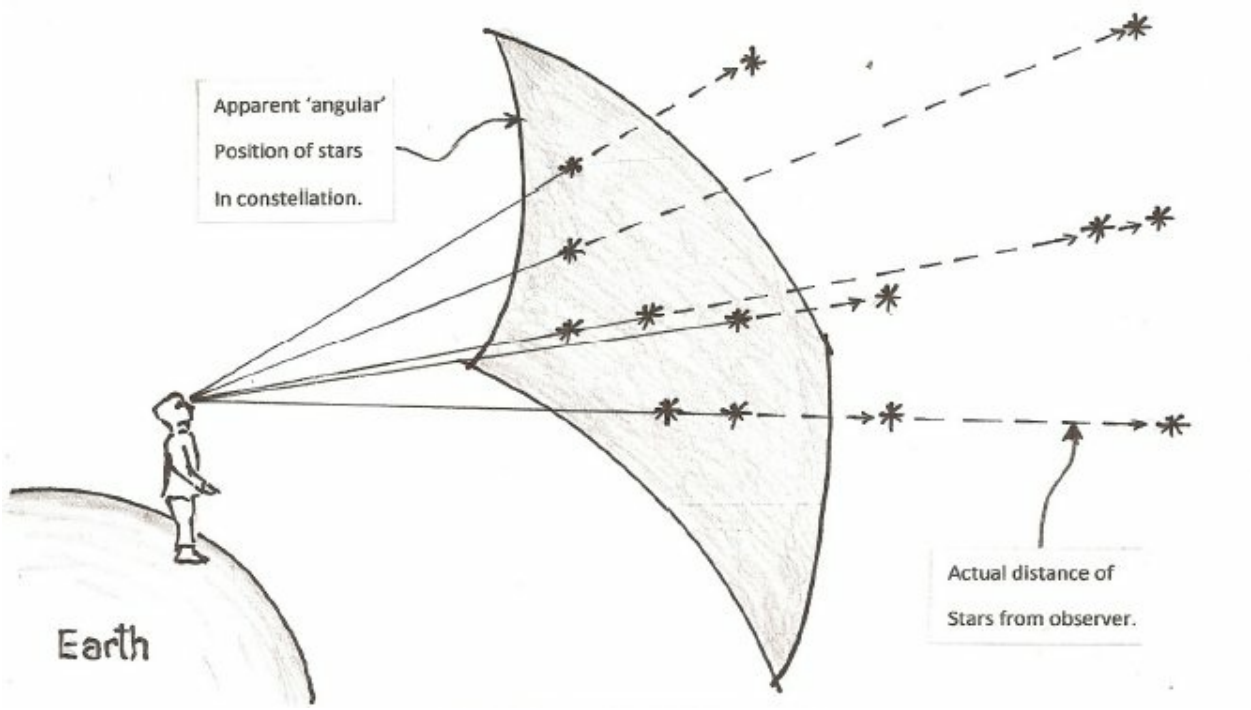


FIGURE 48

CONSTELLATION STARS – APPARENT POSITIONS

If the Earth‘s Precession describes a full circle once every 25,800 years then the length of each Zodiac Age is 25,800 divided by 12 which equals 2,150 years each age. Now each age does not terminate exactly on the date that a new age begins. There is an overlap of about 36 years, 18 years from the start of the decline of the old
age and beginning of the new age ((a) in Figure No. 49) to the cusp or cross-over point where their energies are about equal (b), and 18 years from (b) to the end of the old age with the new age being in full power. Hence, in relation to our present times:
(a) = 1964 – begining of the Aquarian Age;
(b) = 1982 – Both ages of equal power;
(c) = 2000 - Piscean Age ended, Aquarian Age in full power.
For the purposes of our calculations, in Table No. 6 we have taken the mid-point (b) as the beginning and end of each age as mid-point to mid-point would need to equal 2,150 years.

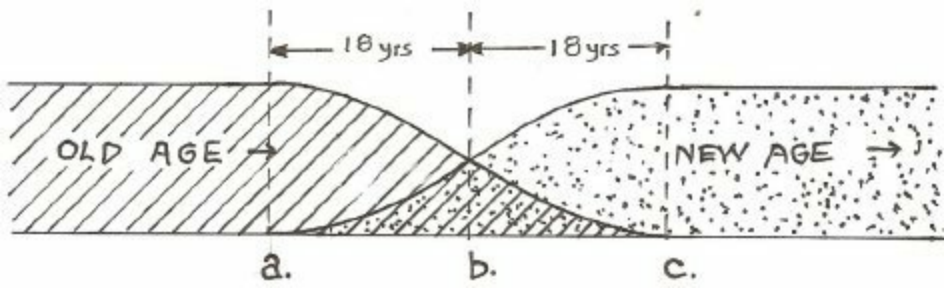


FIGURE 49

OVERLAP OF ZODIAC AGES

TABLE No. 6 ZODIAC AGES

Capricorn	BC 21668 – 19518	
Sagittarius	19518 - 17368	
Scorpio	17368 – 15218	
Libra	15218 – 13068	
Virgo	13068 - 10918	
Leo	10918 – 8768	Possible period for destruction of Atlantis.
Cancer	8768 – 6618	
Gemini	6618 – 4468	Hunter-gatherers settle down to agrarian life in various parts of the World.
Taurus	4468 – 2318	Egyptians advance beyond Neolithic stage.
Aries	2318 – 168	2345 = 6th. Egyptian Dynasty (Teti).
Pisces	BC 168 – 1982 AD	197 – 168BC wars between Rome, and Greek states and Macedonia, leading to defeat of latter.
Aquarius	1982 - 4124	

APPENDIX No. 9

SERAPHIM, ELEMENTS AND PLATONIC SOLIDS

LOGOS

Or WORD

RAPHA-EL

Air

Octahedron

MICHA-EL

Fire

Tetrahedron

THRONE

TRINITY (as unity)

ETHER

URI-EL

Earth

Hexahedron

GABRI-EL

Water

Icosahedron

BOOKS BY ROY SNELLING

THE UHLAN AND THE PHOENIX

A re-incarnation novel of two lives. Walter Löpitsch born in 1841 in Pommerania, Prussia, JOINS A Lancer Regiment and becomes involved in both the Austro-Prussian and Franco-Prussian Wars. Ralph Julius Anderson born in 1943 in London, England. Joins the British Army and sees action in the troubles of Northern Ireland, where he is invalided out of the Army. And yet the book starts with Khe-ee on another planet in the Galaxy many thousands of years ago. It ends with great physical and spiritual changes taking place on Earth, transforming the life of Khe-ee, Walter and Ralph in a very dramatic way. A tale of love, war and mystery.

THE PLANETARY MATRIX

This book, profusely illustrated with diagrams, presents the total primary Ley-Line network of the planet and how these are powered by giant psychic crystals embedded within the etheric body of the Planet. It shows how these lines pass through various sacred sites, such as Avebury and Giza. The book also explores ley-lines and sacred sites such as the Michael-Mary line and Chartres Cathedral.

SELECTED MONOGRAPHS ON SPIRITUALITY AND GREEN ISSUES – VOLUME I

1. JEHOVAH, GOD OF DECEPTION (Earth – A Spoiled Experiment and its Redemption) An examination of the true nature of Jehovah or Yahveh, the Old Testament God who has led people astray pretending that it is the true or highest God.

2. THE COSMOS AND BLACK HOLES (The evolution of Spiritual Man) The boundaries of Science in Astro-physics and nuclear physics and their relation to the Spiritual Planes.

3. THE GOLDEN RATIO AND THE FIBONACCI SERIES How the

Golden Ratio occurs in Nature and Man. Illustrated with numerous diagrams.

4. THE GREEN DOUBLE BIND : RATIONALIST VERSUS SPIRITUAL Global warming, peak oil, resource depletion – population levels – Gaia as a self- regulating spiritual entity.

5. DRAGON MYTHS AND LEGENDS Dragons – what are they? Dragon stories from around the World. Dark side of Human psyche?

SIGURD – SIEGFRIED : A HERO MYTH FOR OUR TIME

The book starts by examining the arrival of Spiritual Man, Adam, who as a collective spiritual being of Divine Sparks incarnates into Earth's (Gaia's, Eve's) physical human, Cro-Magnon Man, at a time when this race had occupied the lands of Lemuria in the Pacific about 80,000 years ago. The book traces the slow descent (fall) of Man's consciousness into physical form with the concurrent loss of psychic sensitivity through Lemuria and Atlantis, until the eventual destruction of the latter. The nature of archetypal elements common in hero-myths is then examined. This is then followed by the narrating of the Sigurd Myth itself. The myth is then de-constructed piecemeal so that the reader can understand the individual elements of the Myth.

THE DRAGONS OF SOMERSET

This is a highly illustrated book that looks deeply into the myths, legends and folk-tales of dragons. The first part of the book examines twenty-two accounts of dragons in Somerset. In the next part of the book dragon stories are examined from all continents, in some cases going back into far antiquity. The Somerset dragons are then compared with dragons from around the World, to see if the Somerset beasts are part of a World-wide pattern. Finally, the meaning behind the dragon stories and what they reveal about Man's psyche and understanding of Life is examined. A reading delight for young and old alike, It would make an ideal Christmas or birthday present.

All of the above books are published and available for purchase as an e-book from Amazon Kindle, W.H.Smith, Kobo, Rakuten and other e-book libraries.